

FORM 3

AMENDED REPORT ☐
(highlight changes)

24. **PROPOSED CASING AND CEMENTING PROGRAM**

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 4/19/2006

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

~~RECEIVED~~

APR 25 2006

API NUMBER ASSIGNED:

43-047-38034

APPROVAL :

DIV. OF OIL, GAS & MINING

Date:

By:

ENDURING RESOURCES

WELL LOCATION, ROCK HOUSE
11-23-24-2D, LOCATED AS SHOWN IN
SE 1/4 SW 1/4 OF SECTION 2, T11S,
R23E, S.L.B.&M. UTAH COUNTY, UTAH.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. The Bottom of hole bears S23°48'05"W 1044.94' from the well surface position.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is triangulation station JEK 19 ET 1966 which is located near the South 1/4 corner of Section 8, T11S, R23E, S.L.B.&M. The elevation of this triangulation station is marked on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

▲ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF AERIAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED:
12-29-05

SURVEYED BY: D.J.S.

SHEET

DATE DRAWN:
01-10-06

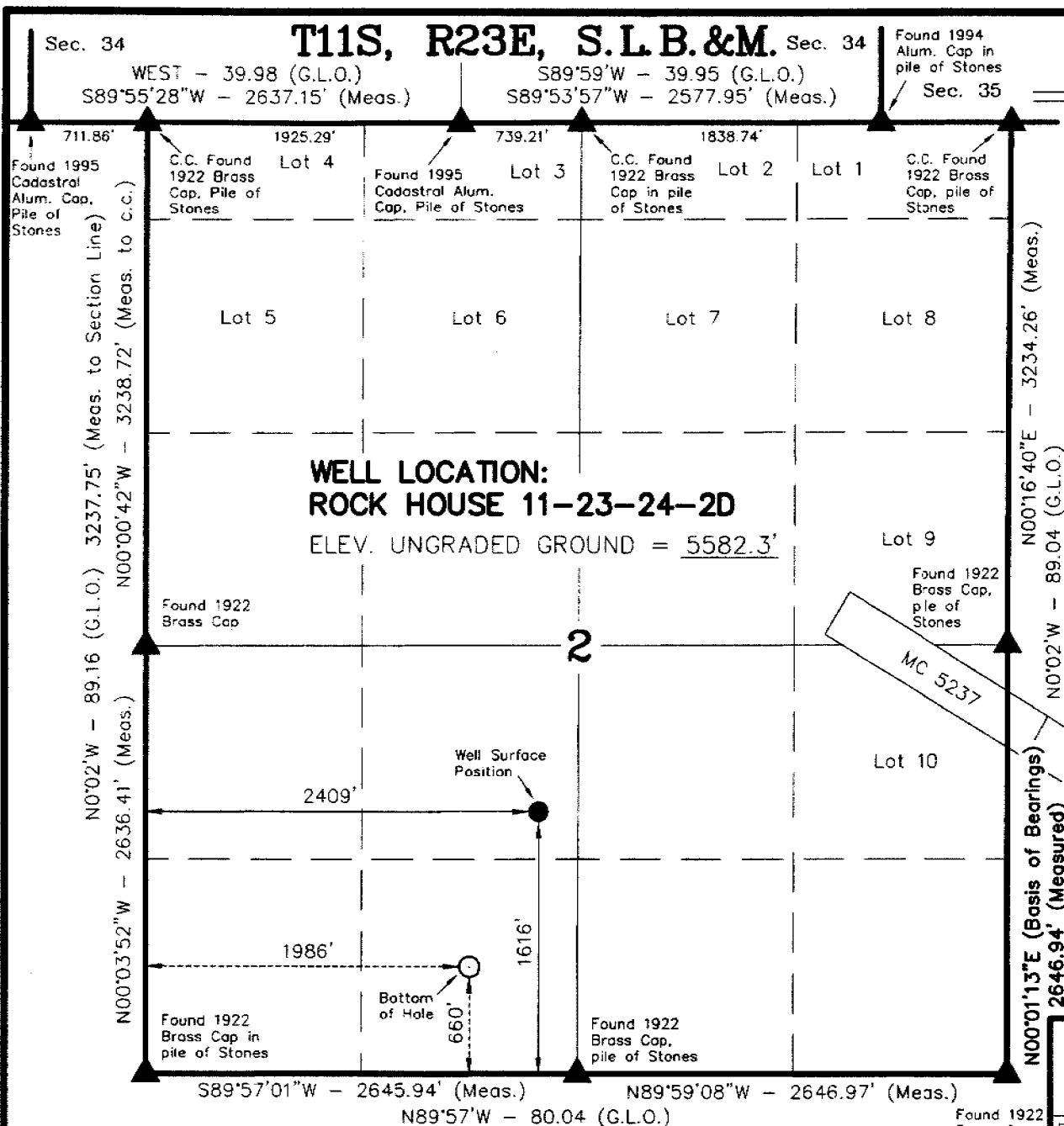
DRAWN BY: M.W.W.

2a

SCALE: 1" = 1000'

Date Last Revised:

OF 11



ROCK HOUSE 11-23-24-2D
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 53' 01.95"
LONGITUDE = 109° 18' 46.26"

ROCK HOUSE 11-23-24-2D
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 53' 11.40"
LONGITUDE = 109° 18' 40.84"

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

April 19, 2006

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: Ms. Diana Whitney

RE: Request for Exception and Directional Well Locations

Rock House 11-23-24-2
Surface: NESW Section 2-T11S-R23E
1616' FSL – 2409' FWL
BHL: SESE Section 2-T11S-R23E
660' FSL – 1986' FWL
Lse #ML 47087 Uintah Cnty, UT

Rock House 11-23-33-2
Surface: NESW Section 2-T11S-R23E
1638' FSL – 2398' FWL
BHL: SWNE Section 2-T11S-R23E
1980' FSL – 1980' FEL
Lse #ML 47087 Uintah Cnty, UT

Rock House 11-23-34-2
Surface: NESW Section 2-T11S-R23E
1593' FSL – 2420' FWL
BHL: SWSE Section 2-T11S-R23E
660' FSL – 1980' FWL
Lse #ML 47087 Uintah Cnty, UT

Dear Ms. Whitney:

Enduring Resources, LLC ("ERLLC") is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed wells' proposed well bores.

1. **All of these wells will be drilled from the same pad to reduce surface impact and avoid drilled on steep slopes,**
2. The subject wells' surface locations are only 25 feet apart. However
3. The BHL's will be within each wells' 200' drilling window.

ERLLC is the only leasehold interest owner within ALL of Sec 2, therefore,

- A. *ERLLC grants itself permission to directionally drill both wells, and*
- B. *ERLLC also grants itself permission for exception well(s)' surface locations.*

RECEIVED

APR 25 2006

DIV. OF OIL, GAS & MINING

In the event there are any other outstanding matters preventing these APD's from being approved, please let me know at your earliest convenience, 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

cc: SITLA

Enduring Resources, LLC

Rock House 11-23-24-2D

SE-SW 2-11S-23E (Bottom Hole Location)

NE-SW 2-11S-23E (Surface Location)

Uintah County, Utah

State Lease: ML-47078

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	222'
Wasatch	3142'
Mesaverde	4919'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5592' est.	
Oil / Gas	Green River	222'
Oil / Gas	Wasatch	3142'
Oil / Gas	Mesaverde	4919'
	TD	TVD 7450'

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 - 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 - 7450' (KB) 7744

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
7744 7450' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.64 (d)	7780/2.19 (e)	223/3.00 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂ + 0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	1026	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	91	25	11.0	3.3
4-1/2"	Tail	4708	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	859	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. **Drilling Fluids (mud) Program:**

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' - 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'- 7450 ' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

7744

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. **Evaluation Program:**

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3874 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2235 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. **Anticipated Starting Dates:**

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. **Variances:**

None anticipated

10. **Other:**

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

ENDURING RESOURCES

Rock House 11-23-24-2D, Rock House 11-23-33-2D & Rock House 11-23-34-2D

Section 2, T11S, R23E, S.L.B.&M.

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 6.6 MILES TO THE INTERSECTION OF A SERVICE ROAD. EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.8 MILES TO AN EXISTING WELL PAD (WELL 23-2). PROCEED SOUTHEASTERLY ACROSS THE 23-2 WELL PAD APPROXIMATELY 200 FEET TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 450 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 75.6 MILES IN A SOUTHEASTERLY DIRECTION.



ENDURING RESOURCES
Rock House 11-23-24-2
NE/SW, Sec. 2, T11S, R23E
Uintah County, Utah



Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	203.80	0.00	0.00	0.00	0.00	0.00	0.00	
2	2072.00	0.00	203.80	2072.00	0.00	0.00	0.00	0.00	0.00	KOP
3	2829.61	37.88	203.80	2775.61	-220.92	-97.44	5.00	203.80	241.45	End Build
4	3646.64	37.88	203.80	3420.48	-679.93	-299.88	0.00	0.00	743.12	Start Drop
5	4593.65	0.00	203.80	4300.00	-956.08	-421.68	4.00	180.00	1044.94	End Drop
6	7743.65	0.00	203.80	7450.00	-956.08	-421.68	0.00	203.80	1044.94	TD



RKB Elevation: 5592.00

Ground Elevation: 5575.90

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 11-23-24-2	-21.99	11.02	7134848.95	2254493.15	39°53'10.803N	109°18'40.849W	N/A

FIELD DETAILS

Uintah, Utah
Utah Central Zone
U.S.A.

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

NE/SW 2-11S-23E Pad
Sec. 2, T11S, R23E, Uintah County, Utah
1638 FSL & 2398 FWL

Site Centre Latitude: 39°53'11.020N
Longitude: 109°18'40.990W

Ground Level: 5575.90
Positional Uncertainty: 0.00

TARGET DETAILS

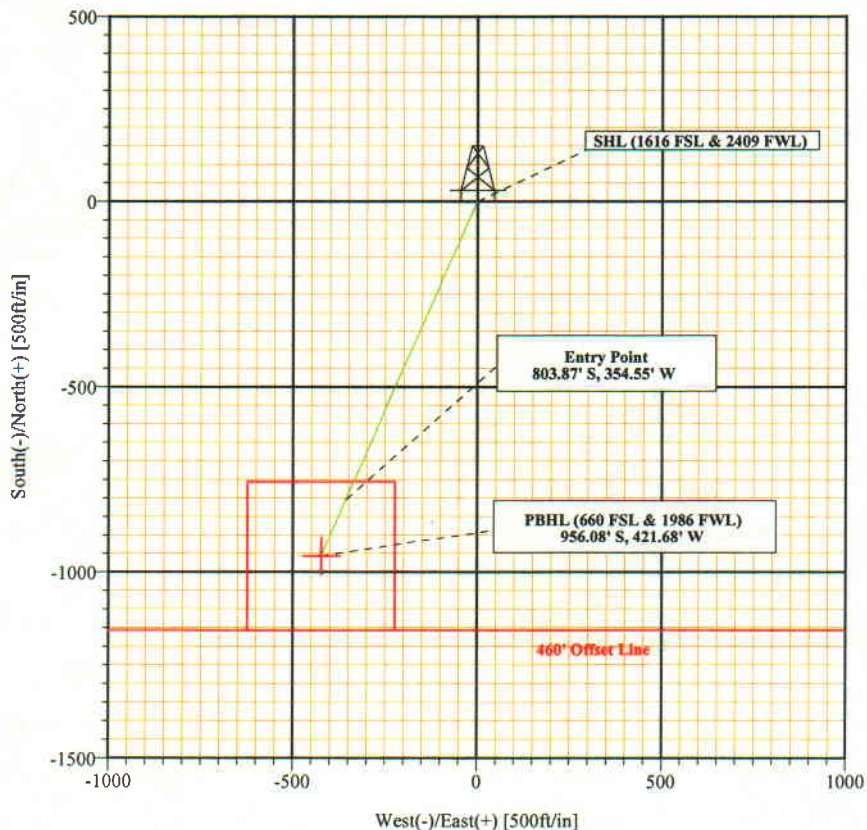
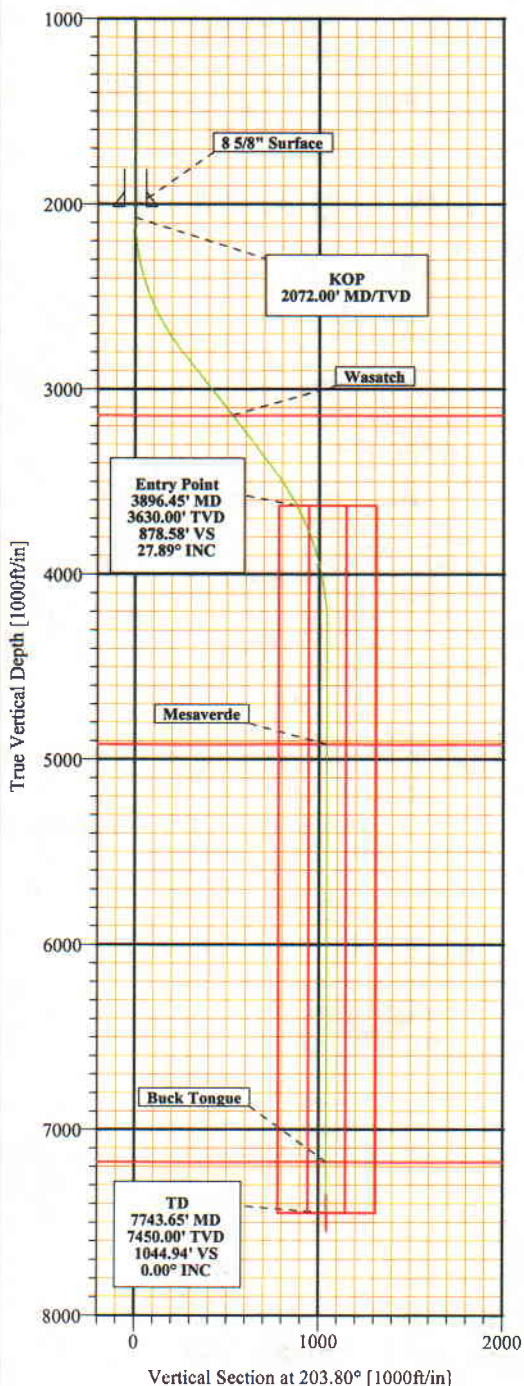
Name	TVD	+N/-S	+E/-W	Shape
11-23-24-2 Target	7450.00	-956.08	-421.68	Rectangle (400x400)

CASING DETAILS

No.	TVD	MD	Name	Size
1	2012.00	2012.00	8 5/8" Surface	8.625

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	222.00	222.00	Green River
2	3142.00	3293.81	Wasatch
3	4919.00	5212.65	Mesaverde
4	7177.00	7470.65	Buck Tongue



Weatherford International

Planning Report

Company: Enduring Resources Field: Uintah, Utah Site: NE/SW 2-11S-23E Pad Well: Rock House 11-23-24-2 Wellpath: 1	Date: 3/23/2006 Co-ordinate(NE) Reference: Well: Rock House 11-23-24-2, True North Vertical (TVD) Reference: SITE 5592.0 Section (VS) Reference: Well (0.00N,0.00E,203.80Azi) Plan: Plan #1
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Field: Uintah, Utah Utah Central Zone U.S.A. Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level	Map Zone: Utah, Central Zone Coordinate System: Well Centre Geomagnetic Model: igrf2005
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Site: NE/SW 2-11S-23E Pad Sec. 2, T11S, R23E, Uintah County, Utah 1638 FSL & 2398 FWL			
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 5575.90 ft	Northing: 7134870.66 ft Easting: 2254481.59 ft	Latitude: 39 53 11.020 N Longitude: 109 18 40.990 W North Reference: True Grid Convergence: 1.40 deg	

Well: Rock House 11-23-24-2	Slot Name:
Well Position: +N/-S -21.99 ft +E/-W 11.02 ft Position Uncertainty: 0.00 ft	Northing: 7134848.95 ft Easting: 2254493.15 ft Latitude: 39 53 10.803 N Longitude: 109 18 40.849 W

Wellpath: 1 Current Datum: SITE Magnetic Data: 3/23/2006 Field Strength: 52870 nT Vertical Section: Depth From (TVD) ft	Height 5592.00 ft +N/-S ft 0.00	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 11.64 deg Mag Dip Angle: 65.95 deg +E/-W ft 0.00 203.80
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Plan: Plan #1 Principal: Yes	Date Composed: 3/23/2006 Version: 1 Tied-to: From Surface
-----------------------------------------------	--------------------------------------------------------------------------------------

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	203.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2072.00	0.00	203.80	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	
2829.61	37.88	203.80	2775.61	-220.92	-97.44	5.00	5.00	0.00	203.80	
3646.64	37.88	203.80	3420.48	-679.93	-299.88	0.00	0.00	0.00	0.00	
4593.65	0.00	203.80	4300.00	-956.08	-421.68	4.00	-4.00	0.00	180.00	
7743.65	0.00	203.80	7450.00	-956.08	-421.68	0.00	0.00	0.00	203.80	11-23-24-2 Target

Section 1 : Start Hold										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	203.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	203.80	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	203.80
2012.00	0.00	203.80	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	203.80
2072.00	0.00	203.80	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	203.80

Section 2 : Start Build 5.00										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2100.00	1.40	203.80	2100.00	-0.31	-0.14	0.34	5.00	5.00	0.00	0.00
2200.00	6.40	203.80	2199.73	-6.53	-2.88	7.14	5.00	5.00	0.00	0.00
2300.00	11.40	203.80	2298.50	-20.69	-9.12	22.61	5.00	5.00	0.00	0.00
2400.00	16.40	203.80	2395.54	-42.66	-18.81	46.62	5.00	5.00	0.00	0.00
2500.00	21.40	203.80	2490.12	-72.29	-31.88	79.00	5.00	5.00	0.00	0.00
2600.00	26.40	203.80	2581.51	-109.34	-48.23	119.51	5.00	5.00	0.00	0.00
2700.00	31.40	203.80	2669.03	-153.55	-67.72	167.82	5.00	5.00	0.00	0.00
2800.00	36.40	203.80	2752.01	-204.56	-90.22	223.58	5.00	5.00	0.00	0.00
2829.61	37.88	203.80	2775.61	-220.92	-97.44	241.45	5.00	5.00	0.00	0.00

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: NE/SW 2-11S-23E Pad
Well: Rock House 11-23-24-2
Wellpath: 1

Date: 3/23/2006 **Time:** 13:49:53 **Page:** 2
Co-ordinate(NE) Reference: Well: Rock House 11-23-24-2, True North
Vertical (TVD) Reference: SITE 5592.0
Section (VS) Reference: Well (0.00N,0.00E,203.80Azi)
Plan: Plan #1

Section 2 : Start Build 5.00

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2900.00	37.88	203.80	2831.17	-260.46	-114.88	284.67	0.00	0.00	0.00	0.00
3000.00	37.88	203.80	2910.10	-316.64	-139.66	346.08	0.00	0.00	0.00	0.00
3100.00	37.88	203.80	2989.03	-372.83	-164.44	407.48	0.00	0.00	0.00	0.00
3200.00	37.88	203.80	3067.96	-429.01	-189.21	468.88	0.00	0.00	0.00	0.00
3293.81	37.88	203.80	3142.00	-481.71	-212.46	526.48	0.00	0.00	0.00	0.00
3300.00	37.88	203.80	3146.89	-485.19	-213.99	530.28	0.00	0.00	0.00	0.00
3400.00	37.88	203.80	3225.81	-541.37	-238.77	591.68	0.00	0.00	0.00	0.00
3500.00	37.88	203.80	3304.74	-597.55	-263.55	653.08	0.00	0.00	0.00	0.00
3600.00	37.88	203.80	3383.67	-653.73	-288.33	714.49	0.00	0.00	0.00	0.00
3646.64	37.88	203.80	3420.48	-679.93	-299.88	743.12	0.00	0.00	0.00	0.00

Section 4 : Start Drop -4.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3700.00	35.75	203.80	3463.20	-709.18	-312.79	775.10	4.00	-4.00	0.00	180.00
3800.00	31.75	203.80	3546.34	-760.00	-335.20	830.64	4.00	-4.00	0.00	180.00
3896.45	27.89	203.80	3630.00	-803.87	-354.55	878.58	4.00	-4.00	0.00	-180.00
3900.00	27.75	203.80	3633.14	-805.39	-355.22	880.24	4.00	-4.00	0.00	180.00
4000.00	23.75	203.80	3723.20	-845.12	-372.74	923.67	4.00	-4.00	0.00	180.00
4100.00	19.75	203.80	3816.06	-879.01	-387.69	960.71	4.00	-4.00	0.00	180.00
4200.00	15.75	203.80	3911.28	-906.90	-399.99	991.19	4.00	-4.00	0.00	-180.00
4300.00	11.75	203.80	4008.40	-928.63	-409.58	1014.94	4.00	-4.00	0.00	180.00
4400.00	7.75	203.80	4106.94	-944.12	-416.41	1031.87	4.00	-4.00	0.00	180.00
4500.00	3.75	203.80	4206.41	-953.28	-420.45	1041.88	4.00	-4.00	0.00	180.00
4593.65	0.00	203.80	4300.00	-956.08	-421.68	1044.94	4.00	-4.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4600.00	0.00	203.80	4306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
4700.00	0.00	203.80	4406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
4800.00	0.00	203.80	4506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
4900.00	0.00	203.80	4606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5000.00	0.00	203.80	4706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5100.00	0.00	203.80	4806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5200.00	0.00	203.80	4906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5212.65	0.00	203.80	4919.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5300.00	0.00	203.80	5006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5400.00	0.00	203.80	5106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5500.00	0.00	203.80	5206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5600.00	0.00	203.80	5306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5700.00	0.00	203.80	5406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5800.00	0.00	203.80	5506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
5900.00	0.00	203.80	5606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6000.00	0.00	203.80	5706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6100.00	0.00	203.80	5806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6200.00	0.00	203.80	5906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6300.00	0.00	203.80	6006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6400.00	0.00	203.80	6106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6500.00	0.00	203.80	6206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6600.00	0.00	203.80	6306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6700.00	0.00	203.80	6406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6800.00	0.00	203.80	6506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
6900.00	0.00	203.80	6606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7000.00	0.00	203.80	6706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7100.00	0.00	203.80	6806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: NE/SW 2-11S-23E Pad
Well: Rock House 11-23-24-2
Wellpath: 1

Date: 3/23/2006
Co-ordinate(NE) Reference: Well: Rock House 11-23-24-2, True North
Vertical (TVD) Reference: SITE 5592.0
Section (VS) Reference: Well (0.00N,0.00E,203.80Azi)
Plan: Plan #1

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Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7200.00	0.00	203.80	6906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7300.00	0.00	203.80	7006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7400.00	0.00	203.80	7106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7470.65	0.00	203.80	7177.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7500.00	0.00	203.80	7206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7600.00	0.00	203.80	7306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7700.00	0.00	203.80	7406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80
7743.65	0.00	203.80	7450.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	203.80

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	0.00	203.80	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	203.80	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	8 5/8" Surface
2072.00	0.00	203.80	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	1.40	203.80	2100.00	-0.31	-0.14	0.34	5.00	5.00	0.00	MWD
2200.00	6.40	203.80	2199.73	-6.53	-2.88	7.14	5.00	5.00	0.00	MWD
2300.00	11.40	203.80	2298.50	-20.69	-9.12	22.61	5.00	5.00	0.00	MWD
2400.00	16.40	203.80	2395.54	-42.66	-18.81	46.62	5.00	5.00	0.00	MWD
2500.00	21.40	203.80	2490.12	-72.29	-31.88	79.00	5.00	5.00	0.00	MWD
2600.00	26.40	203.80	2581.51	-109.34	-48.23	119.51	5.00	5.00	0.00	MWD
2700.00	31.40	203.80	2669.03	-153.55	-67.72	167.82	5.00	5.00	0.00	MWD
2800.00	36.40	203.80	2752.01	-204.56	-90.22	223.58	5.00	5.00	0.00	MWD
2829.61	37.88	203.80	2775.61	-220.92	-97.44	241.45	5.00	5.00	0.00	End Build
2900.00	37.88	203.80	2831.17	-260.46	-114.88	284.67	0.00	0.00	0.00	MWD
3000.00	37.88	203.80	2910.10	-316.64	-139.66	346.08	0.00	0.00	0.00	MWD
3100.00	37.88	203.80	2989.03	-372.83	-164.44	407.48	0.00	0.00	0.00	MWD
3200.00	37.88	203.80	3067.96	-429.01	-189.21	468.88	0.00	0.00	0.00	MWD
3293.81	37.88	203.80	3142.00	-481.71	-212.46	526.48	0.00	0.00	0.00	Wasatch
3300.00	37.88	203.80	3146.89	-485.19	-213.99	530.28	0.00	0.00	0.00	MWD
3400.00	37.88	203.80	3225.81	-541.37	-238.77	591.68	0.00	0.00	0.00	MWD
3500.00	37.88	203.80	3304.74	-597.55	-263.55	653.08	0.00	0.00	0.00	MWD
3600.00	37.88	203.80	3383.67	-653.73	-288.33	714.49	0.00	0.00	0.00	MWD
3646.64	37.88	203.80	3420.48	-679.93	-299.88	743.12	0.00	0.00	0.00	Start Drop
3700.00	35.75	203.80	3463.20	-709.18	-312.79	775.10	4.00	-4.00	0.00	MWD
3800.00	31.75	203.80	3546.34	-760.00	-335.20	830.64	4.00	-4.00	0.00	MWD
3896.45	27.89	203.80	3630.00	-803.87	-354.55	878.58	4.00	-4.00	0.00	Entry Point
3900.00	27.75	203.80	3633.14	-805.39	-355.22	880.24	4.00	-4.00	0.00	MWD
4000.00	23.75	203.80	3723.20	-845.12	-372.74	923.67	4.00	-4.00	0.00	MWD
4100.00	19.75	203.80	3816.06	-879.01	-387.69	960.71	4.00	-4.00	0.00	MWD
4200.00	15.75	203.80	3911.28	-906.90	-399.99	991.19	4.00	-4.00	0.00	MWD
4300.00	11.75	203.80	4008.40	-928.63	-409.58	1014.94	4.00	-4.00	0.00	MWD
4400.00	7.75	203.80	4106.94	-944.12	-416.41	1031.87	4.00	-4.00	0.00	MWD
4500.00	3.75	203.80	4206.41	-953.28	-420.45	1041.88	4.00	-4.00	0.00	MWD
4593.65	0.00	203.80	4300.00	-956.08	-421.68	1044.94	4.00	-4.00	0.00	End Drop
4600.00	0.00	203.80	4306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
4700.00	0.00	203.80	4406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
4800.00	0.00	203.80	4506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
4900.00	0.00	203.80	4606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5000.00	0.00	203.80	4706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5100.00	0.00	203.80	4806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5200.00	0.00	203.80	4906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5212.65	0.00	203.80	4919.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	Mesaverde
5300.00	0.00	203.80	5006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5400.00	0.00	203.80	5106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: NE/SW 2-11S-23E Pad
Well: Rock House 11-23-24-2
Wellpath: 1

Date: 3/23/2006 **Time:** 13:49:53 **Page:** 4
Co-ordinate(NE) Reference: Well: Rock House 11-23-24-2, True North
Vertical (TVD) Reference: SITE 5592.0
Section (VS) Reference: Well (0.00N,0.00E,203.80Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5500.00	0.00	203.80	5206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5600.00	0.00	203.80	5306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5700.00	0.00	203.80	5406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5800.00	0.00	203.80	5506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
5900.00	0.00	203.80	5606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6000.00	0.00	203.80	5706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6100.00	0.00	203.80	5806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6200.00	0.00	203.80	5906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6300.00	0.00	203.80	6006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6400.00	0.00	203.80	6106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6500.00	0.00	203.80	6206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6600.00	0.00	203.80	6306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6700.00	0.00	203.80	6406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6800.00	0.00	203.80	6506.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
6900.00	0.00	203.80	6606.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7000.00	0.00	203.80	6706.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7100.00	0.00	203.80	6806.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7200.00	0.00	203.80	6906.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7300.00	0.00	203.80	7006.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7400.00	0.00	203.80	7106.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7470.65	0.00	203.80	7177.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	Buck Tongue
7500.00	0.00	203.80	7206.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7600.00	0.00	203.80	7306.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7700.00	0.00	203.80	7406.35	-956.08	-421.68	1044.94	0.00	0.00	0.00	MWD
7743.65	0.00	203.80	7450.00	-956.08	-421.68	1044.94	0.00	0.00	0.00	TD

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
11-23-24-2 Target		7450.00	-956.08	-421.68	7133882.84	2254094.99	39	53	1.353 N	109	18	46.258 W
-Rectangle (400x400)												
-Plan hit target												

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	8.625	12.250	8 5/8" Surface

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
222.00	222.00	Green River		0.00	0.00
3293.81	3142.00	Wasatch		0.00	0.00
5212.65	4919.00	Mesaverde		0.00	0.00
7470.65	7177.00	Buck Tongue		0.00	0.00

Annotation

MD ft	TVD ft	
2072.00	2072.00	SHL (1616 FSL & 2409 FWL)
2829.61	2775.61	KOP
3646.64	3420.49	End Build
		Start Drop

Weatherford International

Planning Report

Company: Enduring Resources
Field: Uintah, Utah
Site: NE/SW 2-11S-23E Pad
Well: Rock House 11-23-24-2
Wellpath: 1

Date: 3/23/2006
Co-ordinate(NE) Reference: Well: Rock House 11-23-24-2, True North
Vertical (TVD) Reference: SITE 5592.0
Section (VS) Reference: Well (0.00N,0.00E,203.80Azi)
Plan: Plan #1

Page: 5

Annotation

MD ft	TVD ft	
3896.45	3630.00	Entry Point
4593.65	4300.00	End Drop
7743.65	7450.00	TD

Enduring Resources, LLC

Rock House 11-23-24-2

SESW 2-11S-23E (Bottom Hole Location)

NESW 2-11S-23E (Surface Location)

Uintah County, Utah

State Lease: ML-47078

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to Rock House 11-23-34-2, Rock House 11-23-24-2, and Rock House 11-23-33-2 Wells.

(These wells will be directionally drilled from a three well pad (exceptional well surface locations)).

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 6.6 MILES TO THE INTERSECTION OF A SERVICE ROAD. EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.7 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 6,065 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 76.5 MILES IN A SOUTHEASTERLY DIRECTION.

2. Planned Access Roads:

The proposed access road will be approximately 450 feet of new construction all on-lease. In addition, there is an existing road to an old dry hole site of the Rock House 23-2 pad (NESW-2-11S-23E) which is approximately 2,874' on-lease and 900' off-lease (BLM). This existing road also appears on county road maps and may be claimed as a county road.

ALL NEW CONSTRUCTION IS ON SITLA LANDS, However, the existing, apparently county road (900' of off-lease, BLM and 2.874' on-lease) will be improved, if needed, to meet Uintah County, SITLA, BLM (and DOG&M) requirements, however no improvement is anticipated.

Enduring has filed a r-o-w application with the BLM to use the 900' of BLM off-lease road (county Class D road?).

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. **Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):**

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

- | | | |
|----|----------|-------------------------------------------------------|
| a. | None: | Water Wells: |
| b. | None: | Injection Wells: |
| c. | (3): | Producing Wells: |
| | | i. Rock House U 21 SENW Sec. 11-11S-23E |
| | | ii. Rainbow Unit 27 NENE Sec 10-11S-23E |
| | | ii. Lapaglia ! NESE Sec 3-11S-23E |
| d. | None: | Drilling Wells: |
| e. | None: | Shut-in Wells: |
| f. | None: | Temporarily Abandoned Wells: |
| g. | None: | Disposal Wells: |
| h. | (3): | Abandoned Wells: |
| | | i. State 1 NWSW Sec. 2-11S-23E |
| | | ii. State M23-2 NESW Sec 2-11S-23E |
| | | iii. Rock House 23-2 NWSE Sec 2-11S-23E |
| i. | None: | Dry Holes: |
| j. | None: | Observation Wells: |
| k. | Various: | Pending (staked) Wells: |
| | | i. Various wells staked by Enduring in Sec. 2-11S-23E |

4. **Location of Existing and/or Proposed Facilities:**

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline for this well will be:

*4,340 Surface Pipeline	On-Lease	SITLA
900' Surface Pipeline	Off-Lease	BLM

If this well is capable of economic production, a 6" (or less) steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 5240 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (northside) to tie-in to a steel surface pipeline that is located in Section 3 to the west.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6 Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

The reserve pit will be lined with $\frac{1}{4}$ inch felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:**Producing Location:**

- a. Immediately upon well completion (**of the three wells to be drilled from this pad**), the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion (**of the three wells to be drilled from this pad**), any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit (**of the three wells to be drilled from this pad**) and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the DOG&M and/or SITLA.

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: SITLA

Access: SITLA and BLM

Pipeline: SITLA and BLM

12. Other Information**On-site Inspection for Location, Access and Pipeline Route:**

The on-site will be scheduled by SITLA and DOG&M.

Special Conditions of Approval:

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 6" or less
-

Archeology:

- a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

- a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13, Lessee's or Operator's Representatives:**Representatives:**

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
aarlian@enduringresources.com

Teme Singleton
Drilling Engineer
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5711
Fax Tel: 303-573-0461
tsingleton@enduringresources.com

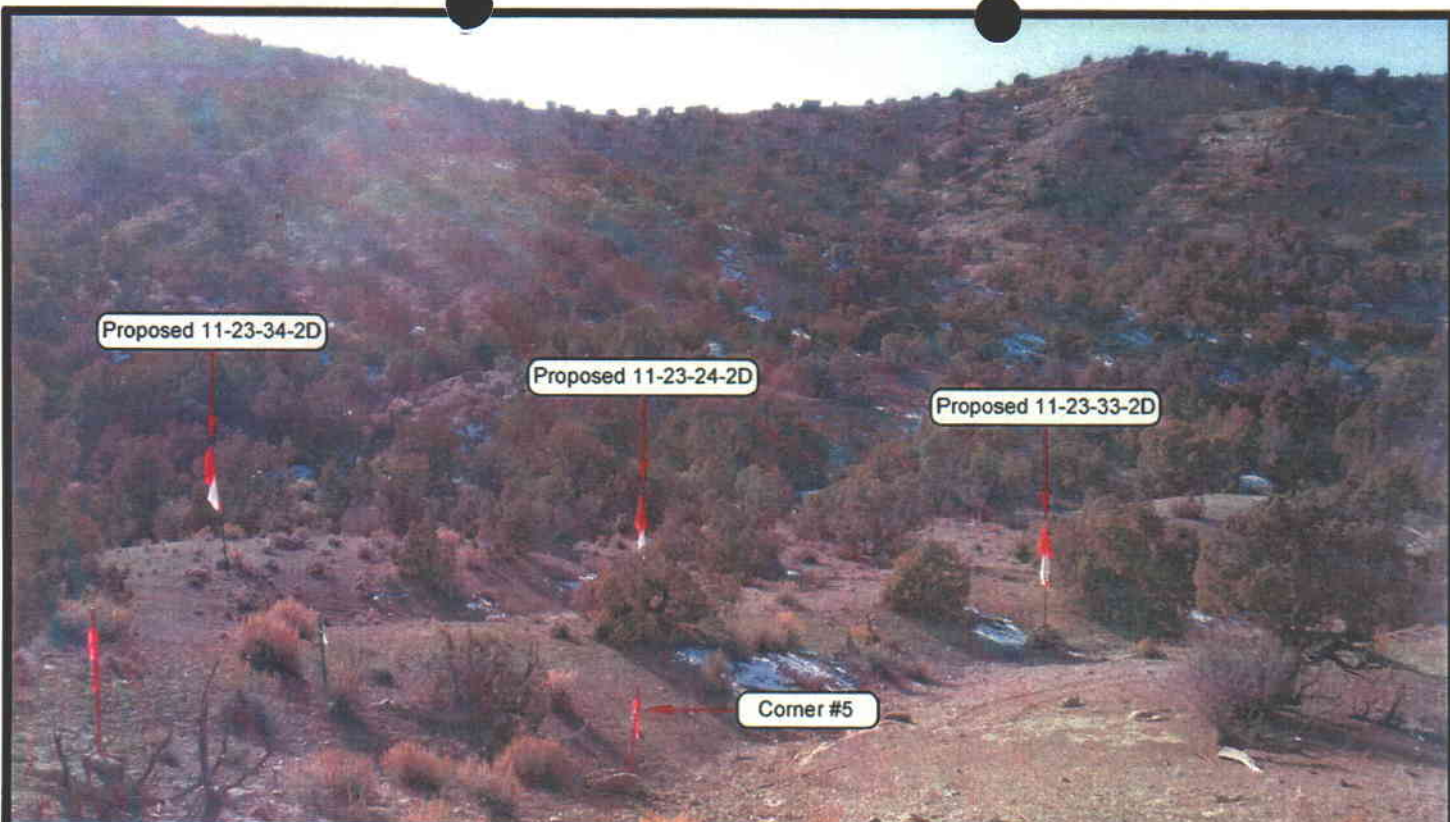


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHERLY

ENDURING RESOURCES

**Rock House 11-23-24-2D,
Rock House 11-23-33-2D & Rock House 11-23-34-2D
SECTION 2, T11S, R23E, S.L.B.&M.
1616' FSL & 2409' FWL**

LOCATION PHOTOS

TAKEN BY: D.J.S.

DRAWN BY: M.W.W.

DATE TAKEN: 12-29-05

DATE DRAWN: 01-11-06

REVISED:

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(435) 789-1365

SHEET

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OF 11

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT

ROCK HOUSE 11-23-24-2D,

ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D

SURFACE POSITION FOOTAGES:

ROCK HOUSE 11-23-34-2D
1593' FSL & 2420' FWL

ROCK HOUSE 11-23-24-2D
1616' FSL & 2409' FWL

ROCK HOUSE 11-23-33-2D
1638' FSL & 2398' FWL

BOTTOM HOLE FOOTAGES

ROCK HOUSE 11-23-34-2D
660' FSL & 1980' FEL

ROCK HOUSE 11-23-24-2D
660' FSL & 1986' FWL

ROCK HOUSE 11-23-33-2D
1980' FSL & 1980' FEL

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 2, T11S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°01'13"E.

Basis of elevation is triangulation station JEK 19 ET 1966 which is located near the South 1/4 corner of Section 8, T11S, R23E, S.L.B.&M. The elevation of this triangulation station is marked on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
34-2D	39°53'11.18"	109°18'40.69"
24-2D	39°53'11.40"	109°18'40.84"
33-2D	39°53'11.62"	109°18'40.99"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
34-2D	39°53'01.95"	109°18'29.23"
24-2D	39°53'01.95"	109°18'46.26"
33-2D	39°53'14.99"	109°18'29.21"

ROCK HOUSE 11-23-33-2D

ROCK HOUSE 11-23-24-2D

ROCK HOUSE 11-23-34-2D

PROPOSED GRADED GROUND
ELEVATION OF PAD IS 5575.9'

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
34-2D	-933'	894'
24-2D	-956'	-422'
33-2D	342'	918'

Section 2, T11S, R23E, S.L.B.&M.

Qtr/Qtr Location: NE SW

Footage Location: 1616' FSL & 2409' FWL

Date Surveyed:
12-29-05

Date Drawn:
01-11-06

Date Last Revision:

Surveyed By: D.J.S.

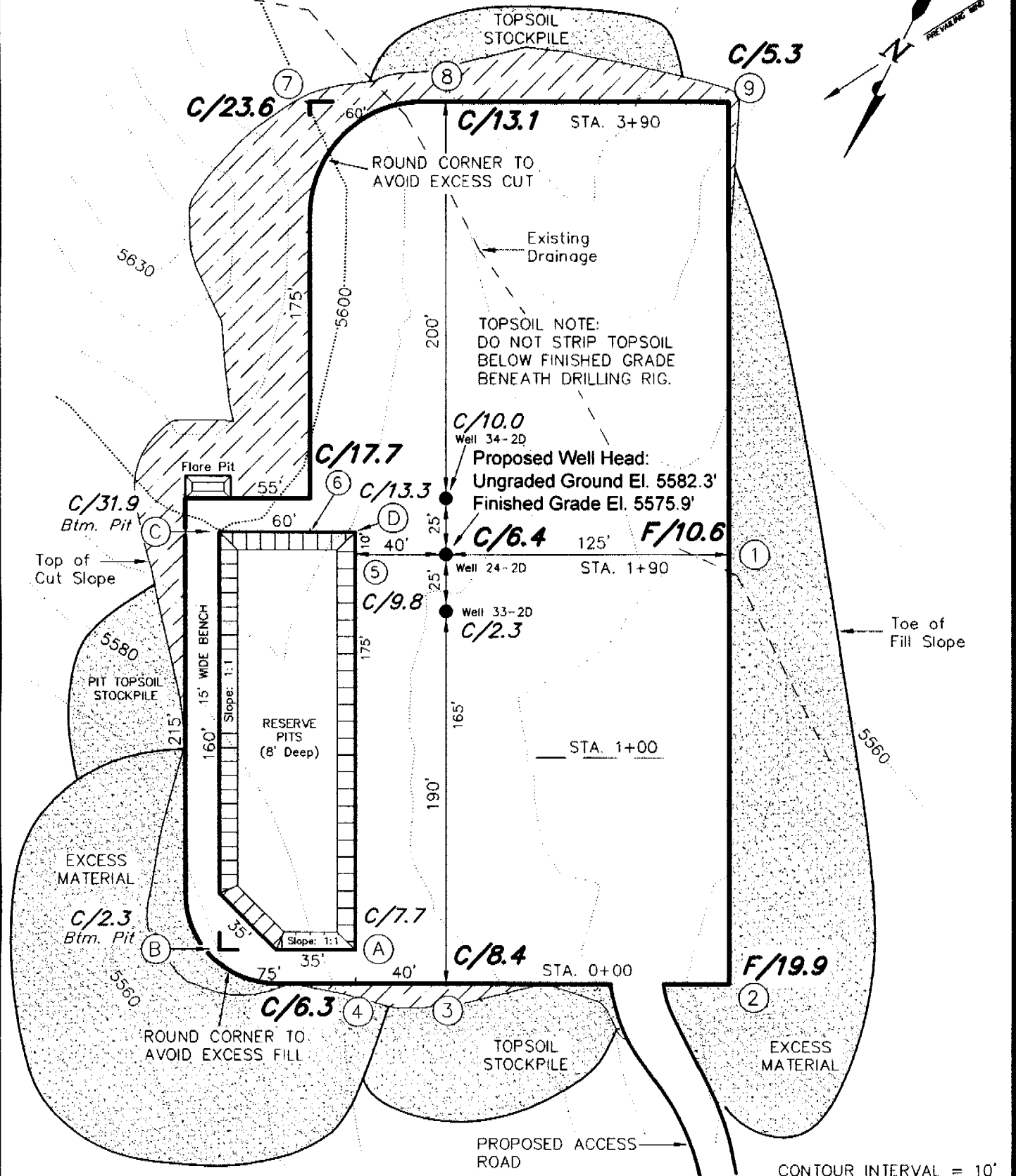
Drawn By: M.W.W.

Scale: 1" = 60'

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SHEET
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OF 11

CUT SHEET - ROCK HOUSE 11-23-24-2D,
ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D

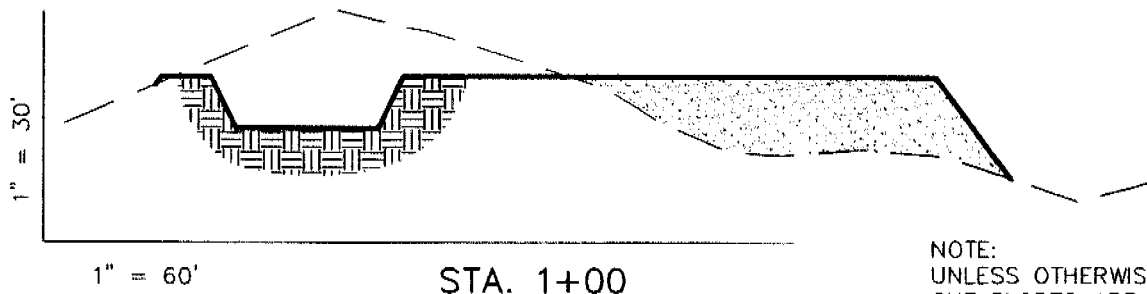
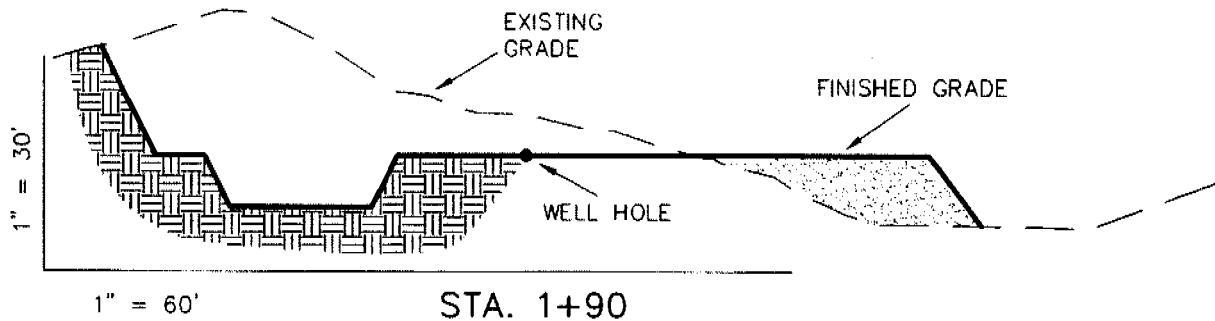
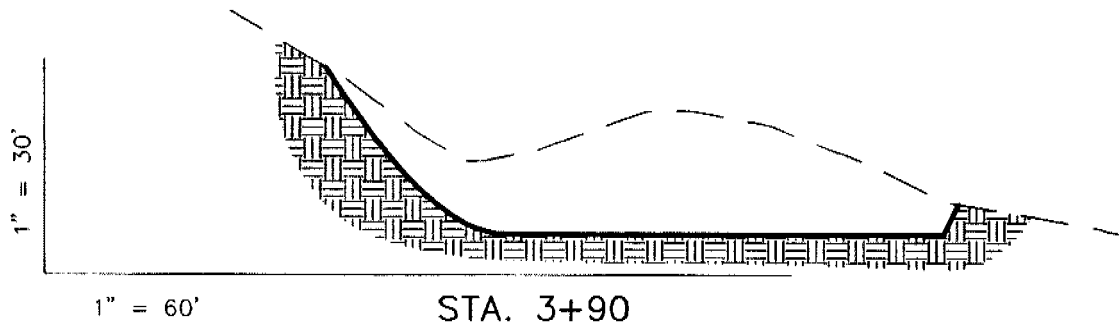


CONTOUR INTERVAL = 10'

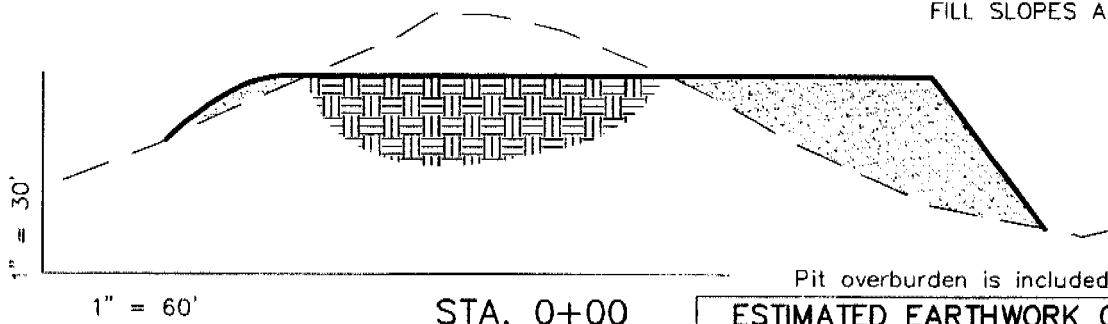
Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE SW		Footage Location: 1616' FSL & 2409' FWL	
Date Surveyed: 12-29-05	Date Drawn: 01-10-06	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078		
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	SHEET 4 OF 11		

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 11-23-24-2D, ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1



Pit overburden is included in pad cut.

REFERENCE POINTS

175' SOUTHWESTERLY = 5564.7'
225' SOUTHWESTERLY = 5573.9'
240' NORTHWESTERLY = 5590.0'
290' NORTHWESTERLY = 5584.5'

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	23,250	9,780	Topsoil is not included in Pad Cut	13,470
PIT	2,650	0		2,650
TOTALS	25,900	9,780	1,560	16,120

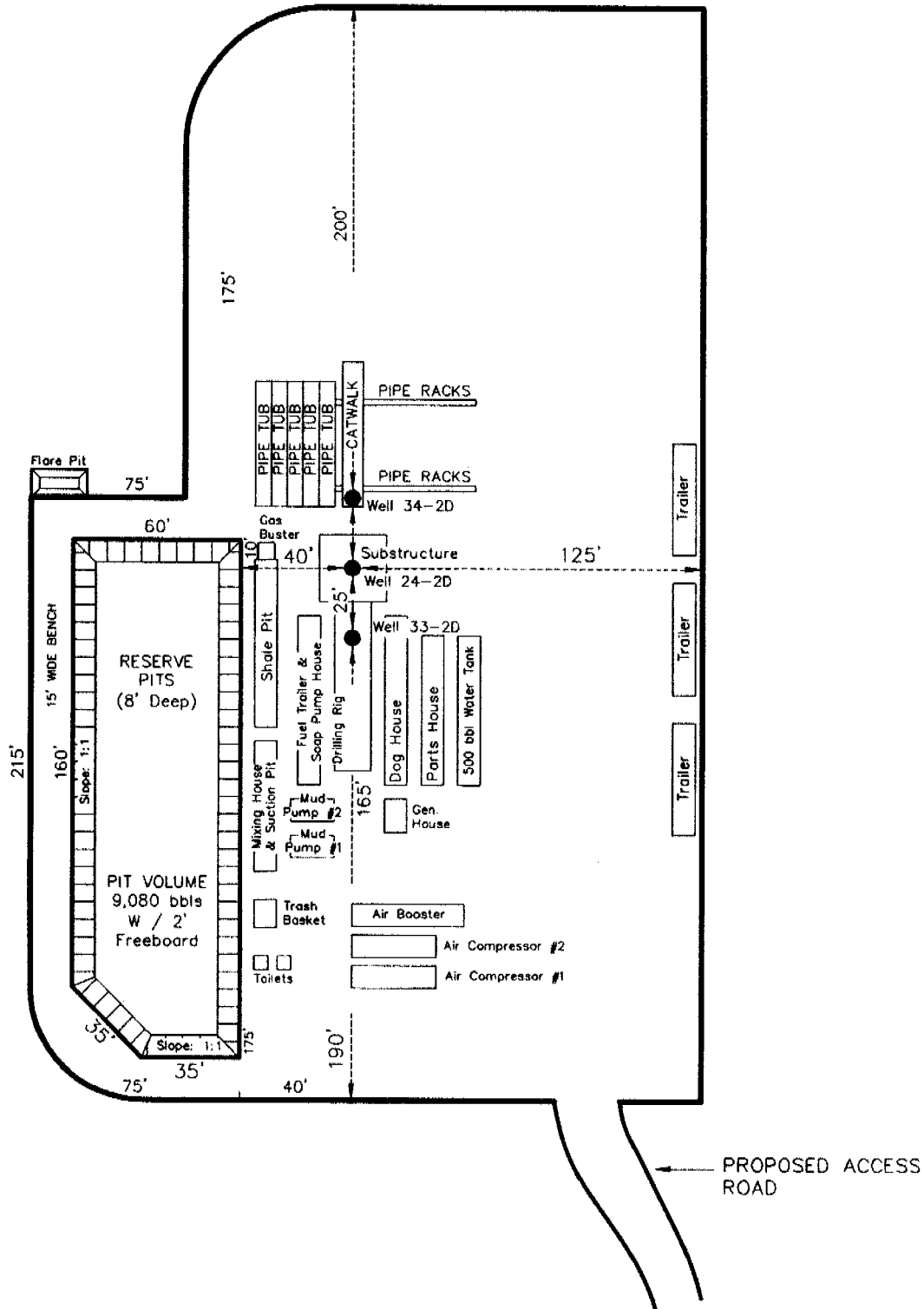
Excess Material after Pit Rehabilitation = 14,790 Cu. Yds.

Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE SW	Footage Location: 1616' FSL & 2409' FWL
Date Surveyed: 12-29-05	Date Drawn: 01-10-06	Date Last Revision:	Timberline Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 (435) 789-1365
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	

SHEET
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OF 11

ENDURING RESOURCES

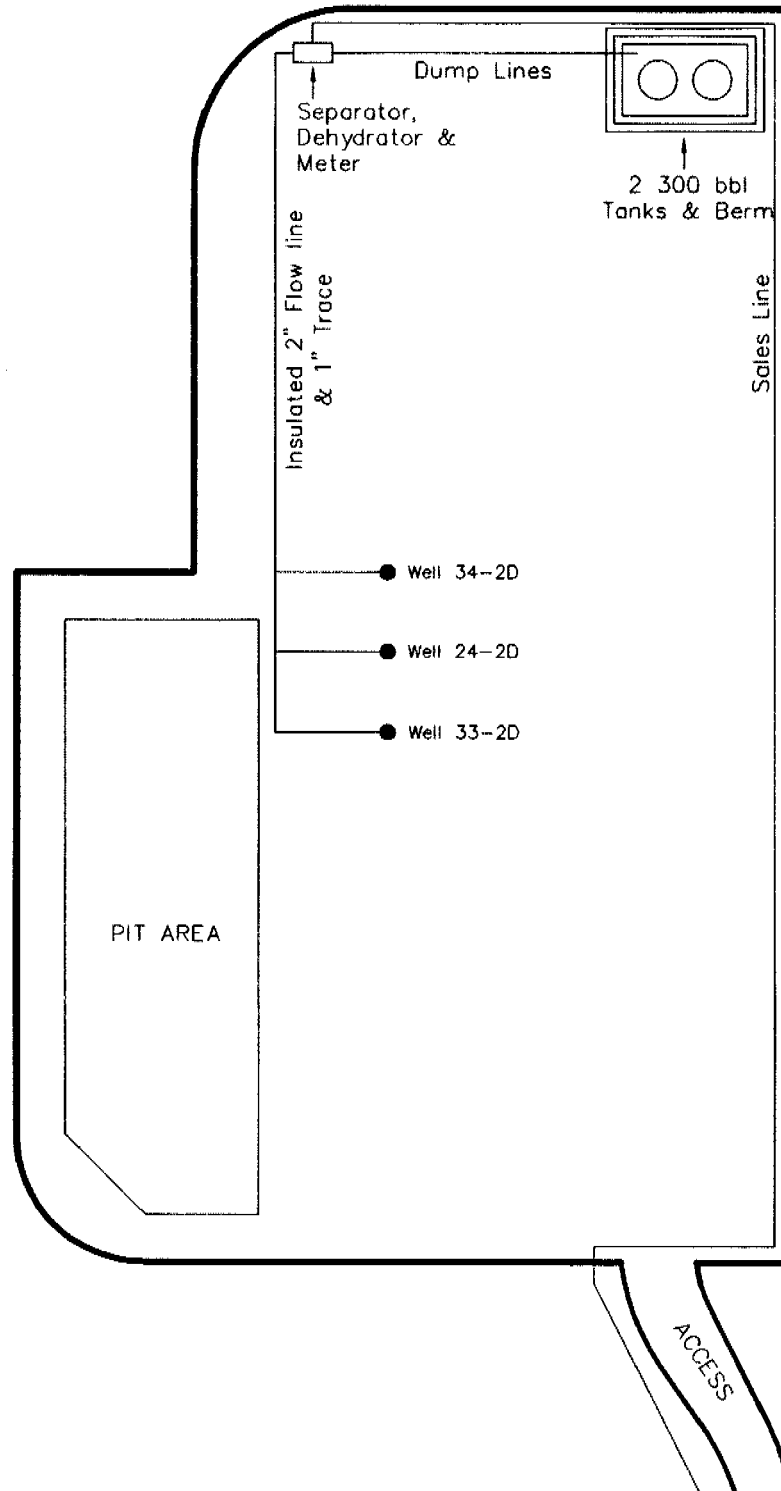
TYPICAL RIG LAYOUT - ROCK HOUSE 11-23-24-2D,
ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D



Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE SW	Footage Location: 1616' FSL & 2409' FWL
Date Surveyed: 12-29-05	Date Drawn: 01-10-06	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078			SHEET 6 OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT - ROCK HOUSE 11-23-24-2D,
ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D



Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE SW	Footage Location: 1616' FSL & 2409' FWL
Date Surveyed: 12-29-05	Date Drawn: 01-10-06	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078			SHEET 7 OF 11



LEGEND

PROPOSED ACCESS ROAD
 ■■■■ = SUBJECT WELL
 ■■■■ = OTHER WELLS
 — = EXISTING ROAD
 — = EXISTING ROAD (TO BE IMPROVED)

(B-5460) = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'

DRAWN BY: M.W.W.

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-11-06

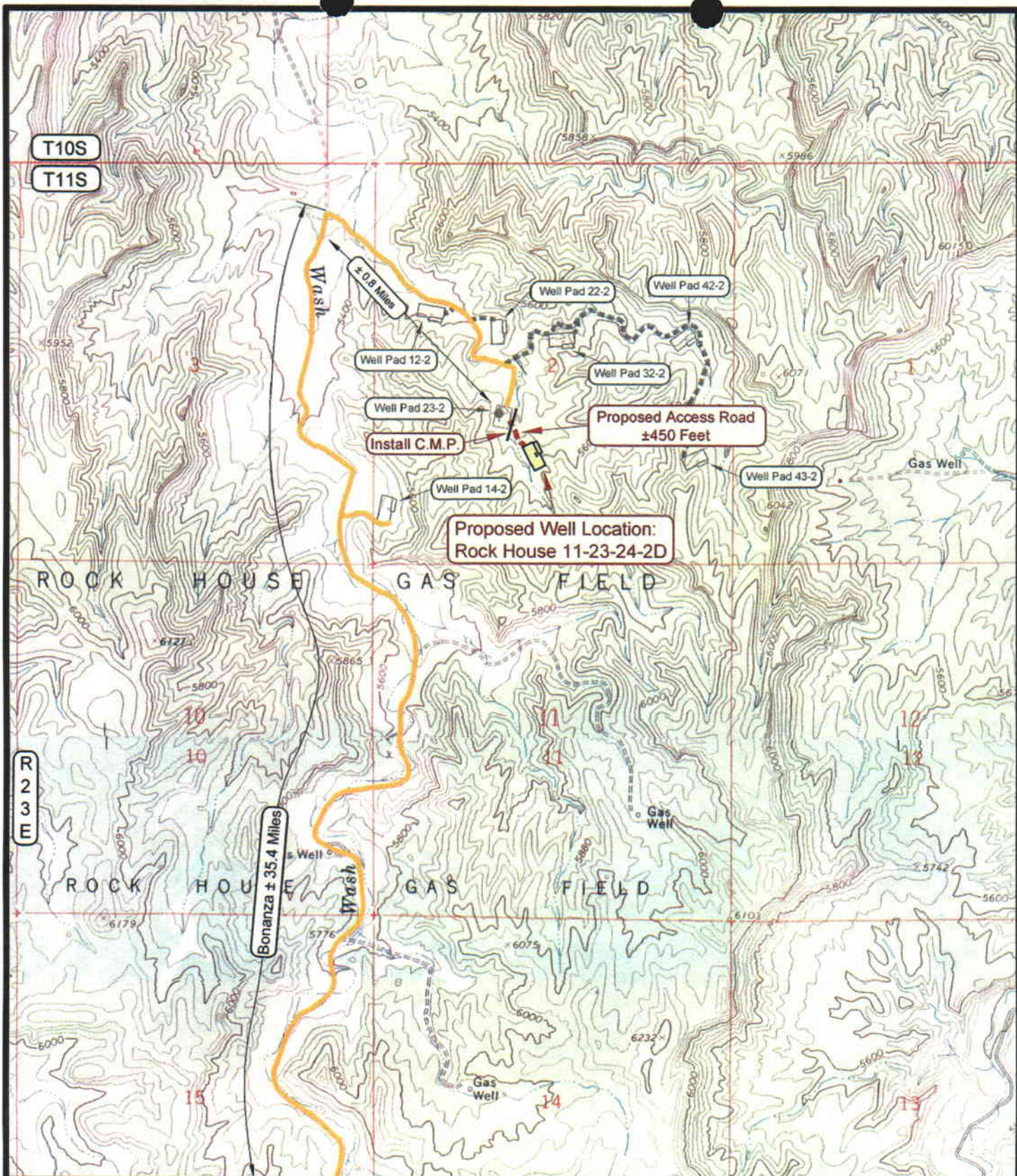
REVISED:

ENDURING RESOURCES

**Rock House 11-23-24-2D,
 Rock House 11-23-33-2D & Rock House 11-23-34-2D
 SECTION 2, T11S, R23E, S.L.B.&M.
 1616' FSL & 2409' FWL**

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

**SHEET
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 OF 11**



LEGEND

- PROPOSED ACCESS ROAD
- SUBJECT WELL
- OTHER WELLS
- EXISTING ROAD
- EXISTING ROAD (TO BE IMPROVED)
- B-5460 = COUNTY ROAD CLASS & NUMBER
- LEASE LINE AND/OR PROPERTY LINE

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-11-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

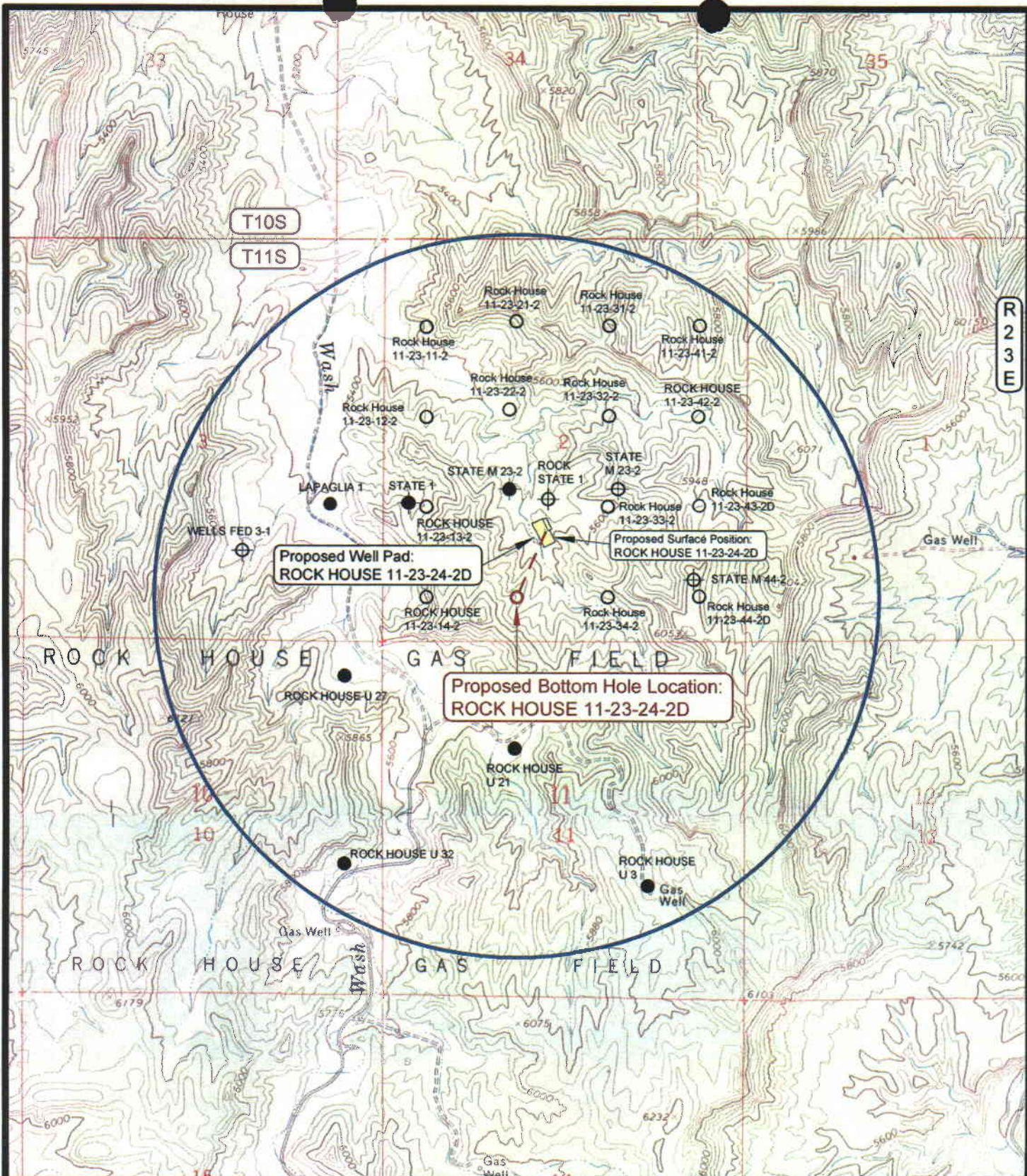
REVISED:

ENDURING RESOURCES

**Rock House 11-23-24-2D,
Rock House 11-23-33-2D & Rock House 11-23-34-2D
SECTION 2, T11S, R23E, S.L.B.&M.
1616' FSL & 2409' FWL**

Timberline Land Surveying, Inc.
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(435) 789-1365

**SHEET
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OF 11**



LEGEND

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊗ = ABANDONED LOCATION

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-11-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

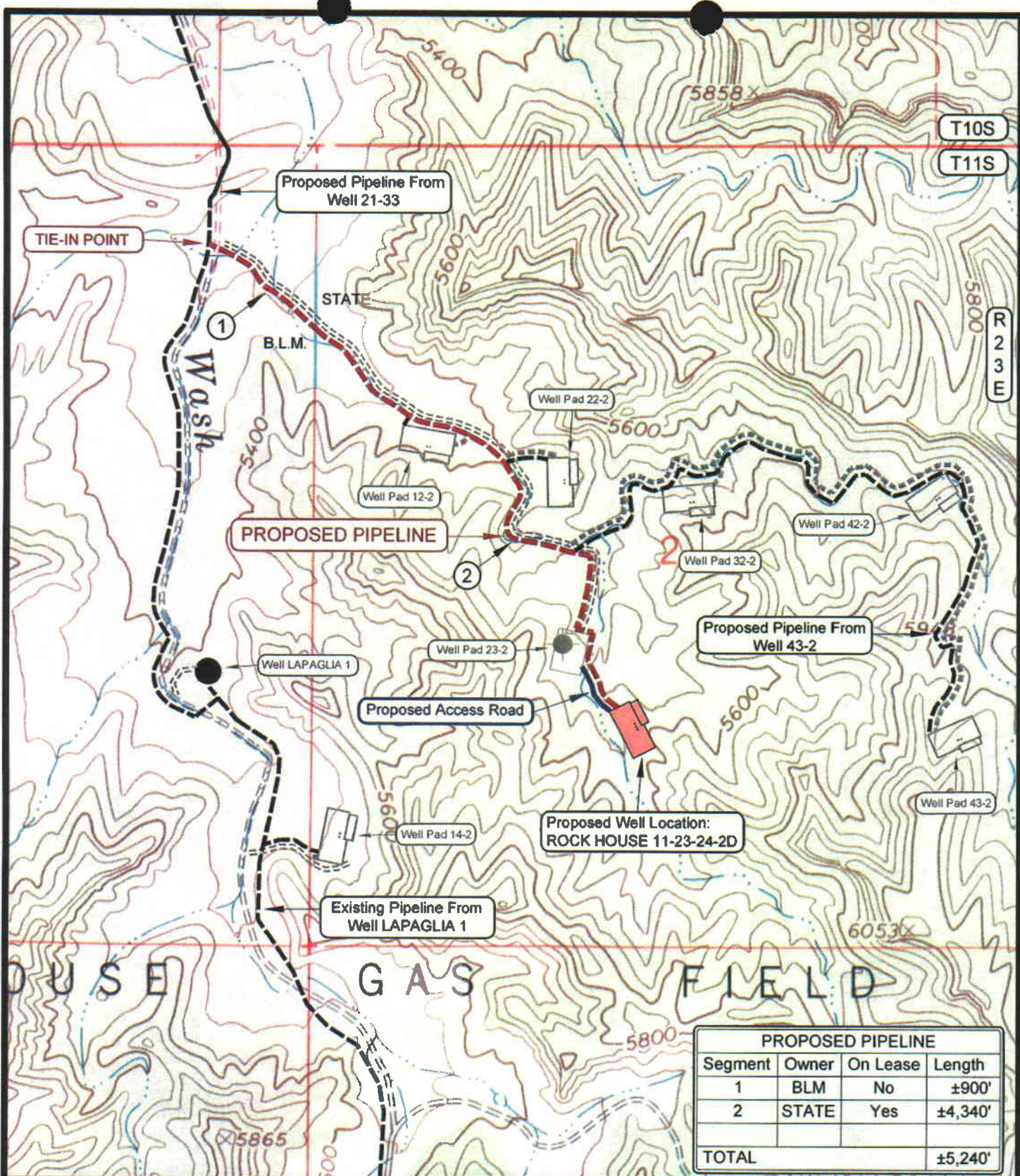
ENDURING RESOURCES

ROCK HOUSE 11-23-24-2D
SECTION 2, T11S, R23E, S.L.B.&M.
Bottom Hole: 660' FSL & 1986' FWL

Timberline Land Surveying, Inc.

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SHEET
10a
 OF 11



LEGEND

- = PROPOSED PIPELINE
- - - - = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 12-29-05

DATE DRAWN: 01-11-06

SCALE: 1" = 1000'

DRAWN BY: M.W.W.

REVISED:

ENDURING RESOURCES

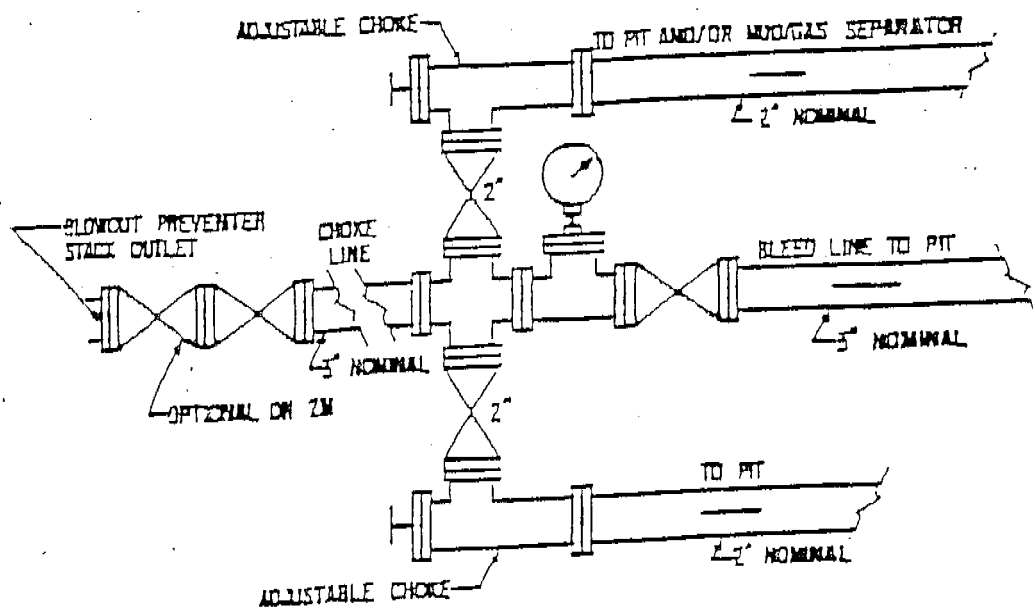
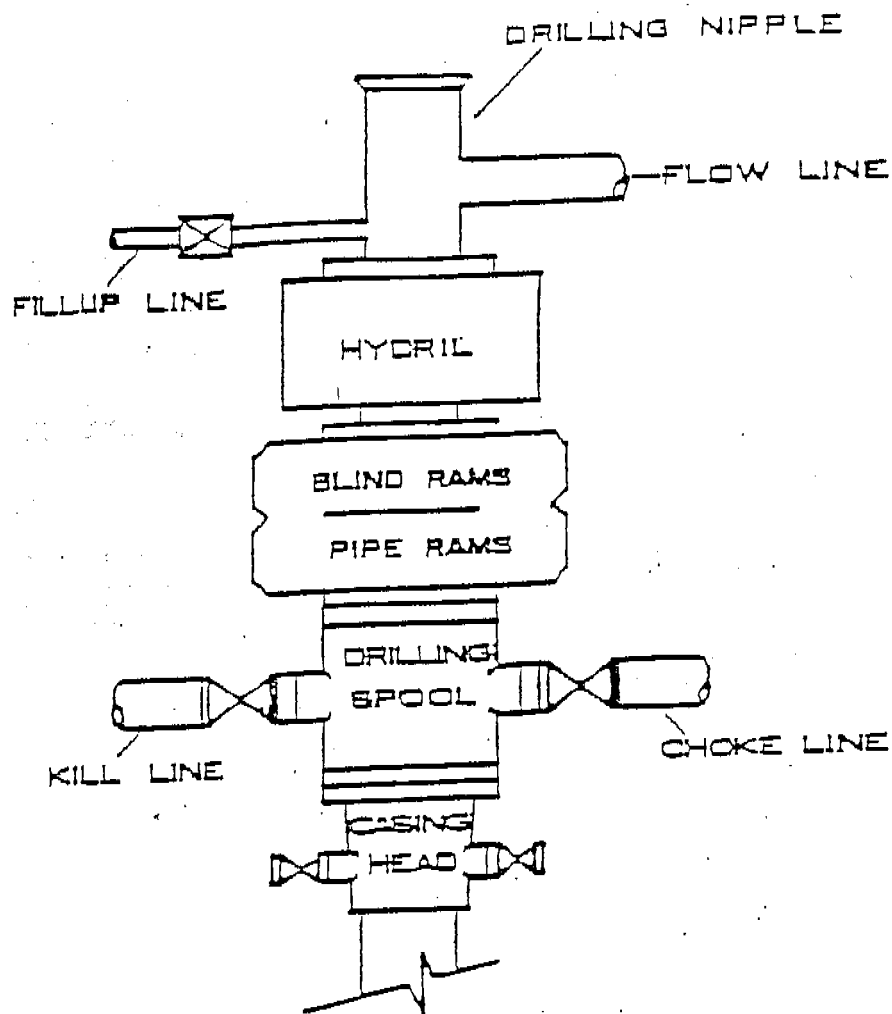
**ROCK HOUSE 11-23-24-2D,
ROCK HOUSE 11-23-33-2D & ROCK HOUSE 11-23-34-2D
SECTION 2, T11S, R23E, S.L.B.&M.
1616' FSL & 2409' FWL**

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

**SHEET
11
OF 11**

3,000 PSI

BOP STACK



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/25/2006

API NO. ASSIGNED: 43-047-38034

WELL NAME: ROCK HOUSE 11-23-24-2

OPERATOR: ENDURING RESOURCES, LLC (N2750)

PHONE NUMBER: 303-350-5114

CONTACT: AL ARLIAN

PROPOSED LOCATION:

NESW 02 110S 230E

SURFACE: 1616 FSL 2409 FWL

BOTTOM: 0660 FSL 1986 FWL

COUNTY: UINTAH

LATITUDE: 39.88650 LONGITUDE: -109.3107

UTM SURF EASTINGS: 644447 NORTHINGS: 4416316

FIELD NAME: ROCK HOUSE (670)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DND	11/17/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47087

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. 49-2215)
- ☒ RDCC Review (Y/N)
(Date: _____)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- ☒ Drilling Unit
Board Cause No: 210-3(B)
Eff Date: 2-24-99
Siting: 460' for u b d g & 920' for other wells.
- ☒ R649-3-11. Directional Drill

COMMENTS: Needs Profile (05-10-06)

STIPULATIONS: 1 - STATEMENT OF BASIS

2 - Surface Csg Cont Stop

ATCHEE
WASH 33-9

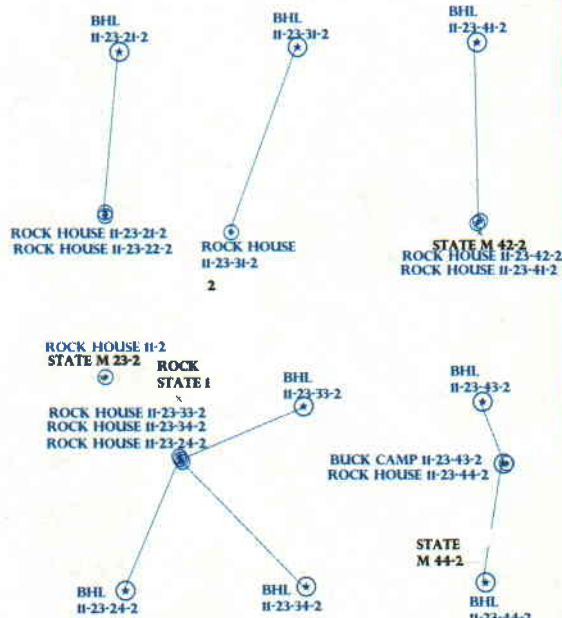
ASPHALT WASH
10-23-44-33

SADDLE TREE
DRAW 13-34

T10S R23E

T11S R23E

ROCK HOUSE FIELD

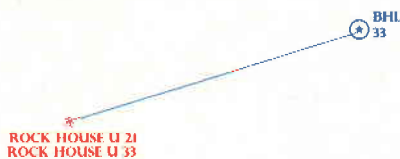


LAPAGLIA 1

STATE 1

ROCK
HOUSE
U 27%

ROCK HOUSE UNIT



OPERATOR: ENDURING RES LLC (N2750)

SEC: 2 T. 11S R. 23E

FIELD: ROCK HOUSE (670)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status

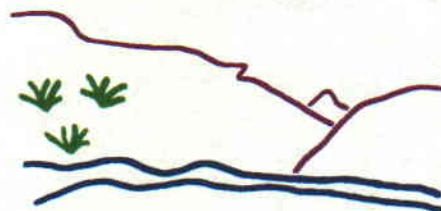
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 28-APRIL-2006

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: ROCK HOUSE 11-23-24-2D *(NOTE: This is a directional well planned of the same pad as the Rock House 11-23-33-2D and the Rock House 11-23-34-2D which are also directional wells.*
API NUMBER: 43-047-38034
LOCATION: 1/4,1/4 NW/SW Sec: 2 TWP: 11S RNG: 23E 1616' FSL 2409 FWL
(PRODUCING ZONE) NW/SE; 660' FSL---1986' FWL

Geology/Ground Water:

Enduring proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,600 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta/Green River Formation transition. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The Green River Formation is made up of interbedded limestones, shales and sandstones. Fresh water aquifers can be found in the Green River Formation and should be protected. The proposed surface casing should adequately protect any potentially useable aquifers. Production casing cement should be brought up above the base of the moderately saline ground water.

Reviewer: Brad Hill **Date:** 10-31-06

Surface:

The predrill investigation of the surface was performed on May 10, 2006. The Rock House 11-23-24-2 and Rock House 11-23-34-2, also both directional wells will be drilled from this location. The surface and minerals are both owned by SITLA. The location is planned on the south side of a steep lateral ridge which runs westerly from the main ridge which divides Atchee Wash from Asphalt Wash. Numerous side draws begin at the ridge top and drain into this secondary draw. One drainage cuts the south- west corner of the proposed location. Approximately 450 feet of new access road is planned. A culvert will be needed where this road leaves the primary access road. The primary access road follows the narrow bottom of a wash, which continues south to the divide. This road may require heavy maintenance to remove alluvial deposits from summer storms, but is expected to be less impact on the landscape than constructing a route on the side hills out of the bottom of the wash. Jim Davis represented SITLA at the presite. Ben Williams representing the UDWR stated the area is classified as high value winter habitat for elk and critical value winter deer habitat. He explained how the areas are classified and recommended to Mr. Davis and Mr. Hammond that they limit their activity from Nov. 15 thru March 15 to protect wintering values for deer. The selected location appears to be the best site for constructing a pad and drilling and operating a well in the immediate area. No significant stability problems are anticipated.

Reviewer: Floyd Bartlett **Date:** 05/11/2006

Conditions of Approval/Application for Permit to Drill:

1. A 16 mill pit liner with a felt pad under-layment is required.
2. One small draw cuts diagonally across the south half of the proposed pad. Although not shown on the Cut Sheet (Sheet 4) it should be diverted with a constructed ditch on the south end of the pad.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC

WELL NAME & NUMBER: ROCK HOUSE 11-23-24-2D (NOTE: This is a directional well planned of the same pad as the Rock House 11-23-33-2D and the Rock House 11-23-34-2D which are also directional wells.)

API NUMBER: 43-047-38034

LEASE: ML-47087 **FIELD/UNIT:** UNDESIGNATED

LOCATION: 1/4, 1/4 NW/SW Sec: 2 TWP: 11S RNG: 23E 1616' FSL 2409 FWL
(PRODUCING ZONE) 660' FSL---1986' FWL

LEGAL WELL SITING: 460' from unit boundary and 920' from another well.

GPS COORD (UTM): 644449 E; 4416321 N **SURFACE OWNER:** STATE OF UTAH (SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Douglas Hammond (Enduring Resources) Mike Stewart (Ponderosa Construction), Jim Davis (SITLA), Colby Kay (Timberline Land Surveying, Inc.), Ben Williams (UDWR)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed Rock House 11-23-24-2D well lies near the head of a secondary drainage of Atchee Wash. It is on the south side of a steep lateral ridge which runs westerly from the main ridge which divides Atchee Wash from Asphalt Wash. Numerous side draws begin at the ridge top and drain into this secondary draw. One drainage cuts the south west corner of the proposed location. The drainage is open to the west approximately $\frac{3}{4}$ mile to Atchee Wash.

Atchee Wash is an ephemeral wash only flowing during the spring runoff and intense summer rainstorms. The White River is approximately 3 miles downstream to the north. No springs or seeps are known in the area. The location is approximately 14 miles south west of Bonanza Ut, and approximately 67 miles southwest of Vernal, UT. Access from Bonanza is by State Highway then Uintah County roads 26.9 miles to Atchee Wash, then north down Atchee Wash 7.5 miles to where a new road has been constructed which will serve as the principal access to this location and other locations within this section. From this road 450 feet of additional new access road is planned. A culvert will be needed where this road leaves the primary access road. The primary access road primarily follows the narrow bottom of a wash, which continues south to the divide. This road may require heavy maintenance to remove alluvial deposits from summer storms, but is expected to be less impact on the landscape than constructing a route on the side hills out of the bottom of the wash.

Topography in the general area is broad canyon bottoms separated by steep and often ledgy side-slopes, which top out onto broad ridge tops. Frequent outwash plains and deposits occur along the sides of the major bottoms. The drainages of Atchee and Asphalt Washes are broad somewhat gentle alluvial washes, which are dry except for spring runoff and sometimes-intense summer rainstorms.

SURFACE USE PLAN

CURRENT SURFACE USE: wildlife and domestic sheep grazing and hunting.

PROPOSED SURFACE DISTURBANCE: Approximately 450 feet of access road, construction of a well location 390' x 165' plus a reserve pit and soil stockpile storage outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Several. See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Approximately 5,240 feet of pipeline will follow access road and tie in with the pipeline in the bottom of Atchee Wash serving other wells planned in the area. (BLM: 900' and SITLA 4,340').

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? EXPLAIN: Unlikely. Oilfield activity is common in the area and is the dominant use. The area is very isolated from general travel.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Poorly vegetated pinion juniper site. Greasewood, big sagebrush, penstemon, erigonium, loco weed, broom snakeweed, curly mesquite and prickly pear also occur. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Shallow shaley sandy loam surface. Surface sandstone and shale bedrock also to occur.

EROSION/SEDIMENTATION/STABILITY: One small draw cuts diagonally across the south half of the proposed pad. Although not shown on the Cut Sheet (Sheet 4) it should be diverted with a constructed ditch on the south end of the pad. No stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed 4-06-06 by IPC.

RESERVE PIT

CHARACTERISTICS: 175' by 60' and 8' deep. The reserve pit is planned in an area of cut on the north east corner of the location. The reserve pit is 15 feet longer than normal to serve the 3 wells that are planned. No stabilization problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A minimum of a 16 mil liner will be required for reserve pit. Sensitivity score is 40 and a rating Level II.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowner agreement with SITLA.

SURFACE AGREEMENT: In place.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed on 02-22-2006 by MOAC and will be furnished for the well file.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the UDWR stated the area is classified as high value winter habitat for elk and critical value winter deer habitat. He explained how the areas are classified and recommended to Mr. Davis and Mr. Hammond that they limit their activity from Nov. 15 thru March 15 to protect wintering values for deer. This activity would include road and pad construction, drilling and work-over rigs. Mr. Williams gave both Mr. Hammond and Mr. Davis copies of his wildlife investigation report and a recommended seed mix to use when the site is revegetated.

This predrill investigation was conducted on a cool sunny day.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

05/10/2006 11:00 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

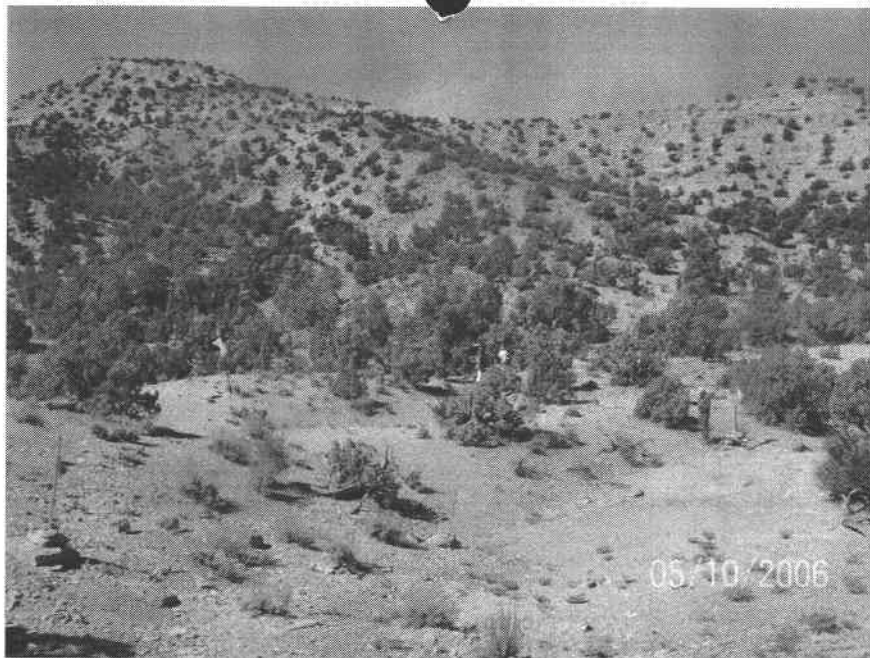
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>20</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

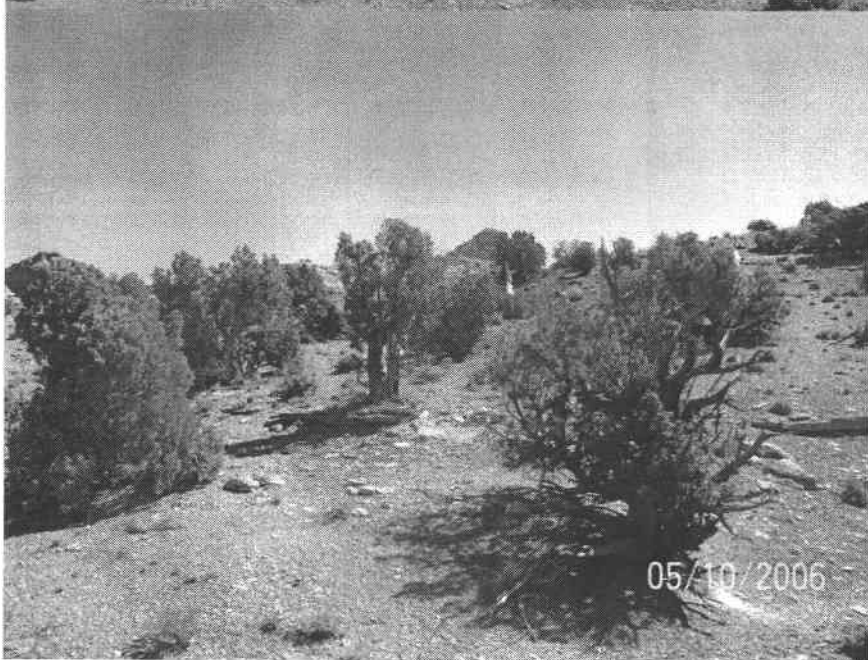
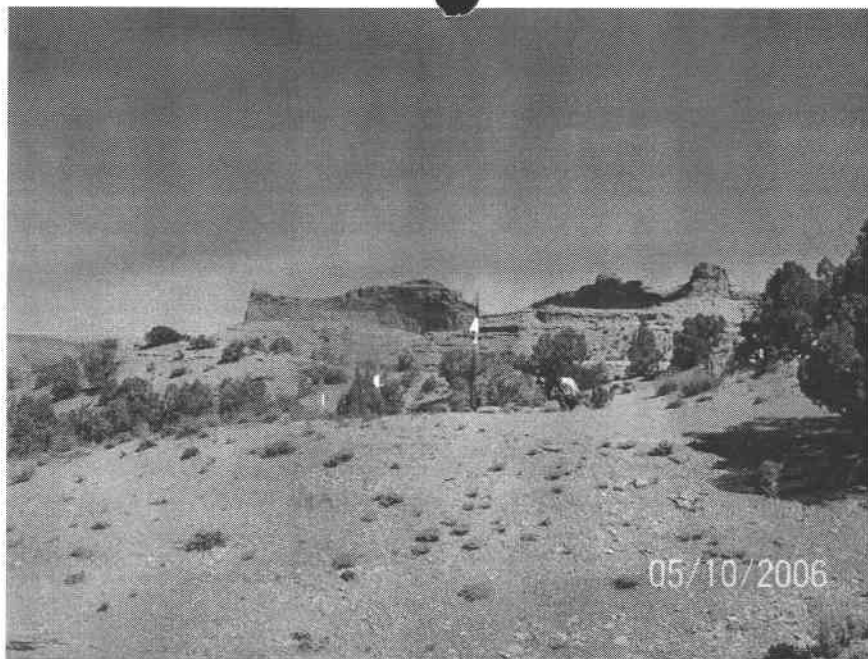
Final Score 40 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





Casing Schematic

BHP
 $(10.052 \times 7449) \times 9.8 = 3796 \text{ psi}$
 anticipate: 3874 psi

Gas
 $.12(7449) = 894$
 $\rightarrow 2902 \text{ psi, MASP}$

BOPE = 3M ✓

Burst 2950
 $70\% = 2065 \text{ psi}$

Max P @ csg shoe
 $.22(5433) = 1195$
 $\rightarrow 2601 \text{ psi}$

test to 2065 psi ✓
 \Rightarrow slip surf. cnt ✓

✓ Adequate ✓
 11/17/06

8-5/8"
 MW 8.4
 Frac 19.3

4-1/2"
 MW 9.8

Surface

12"
 197'

Wnta
 Green River

TOC @ 766.
 to surface w/4% w/o
 ✗ stop ✓

1707 TOC tail

Surface
 2016. MD
 2016. TVD

TOC @
 2516.

3142' Wasatch
 3473' TOC tail

4600'± BMSW
 4919' Mesaverde

Production
 7743. MD
 7449. TVD

Well name:

2006-10 Enduring Rock House 11-23-24-2Operator: **Enduring Resource, LLC**String type: **Surface**

Project ID:

43-047-38034

Location: **Uintah County****Design parameters:****Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 500 ft

Cement top: 766 ft

BurstMax anticipated surface
pressure: 1,774 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,016 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)Tension is based on buoyed weight.
Neutral point: 1,762 ft**Non-directional string.****Re subsequent strings:**Next setting depth: 7,450 ft ✓
Next mud weight: 9.800 ppg
Next setting BHP: 3,793 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,016 ft
Injection pressure: 2,016 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2016	8.625	24.00	J-55	ST&C	2016	2016	7.972	720.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	880	1370	1.557 ✓	2016	2950	1.46 ✓	42	244	5.77 J ✓

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: November 2, 2006
Salt Lake City, Utah**Remarks:**Collapse is based on a vertical depth of 2016 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2006-10 Enduring Rock House 11-23-24-2Operator: **Enduring Resource, LLC**String type: **Production**

Project ID:

43-047-38034Location: **Uintah County****Design parameters:****Collapse**Mud weight: 9.800 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 179 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,516 ft

BurstMax anticipated surface
pressure: 2,154 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,792 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)**Directional well information:**Kick-off point 2072 ft
Departure at shoe: 1045 ft
Maximum dogleg: 5 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 6,652 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7743	4.5	11.60	N-80	LT&C	7449	7743	3.875	675.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3792	6350	1.674 ✓	3792	7780	2.05 ✓	74	223	3.02 J ✓

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: November 2, 2006
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 7449 ft, a mud weight of 9.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Whitney, Diana
Date: 5/24/2006 9:24:01 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC
Buck Camp 12-22-33-2
Rock House 11-23-24-2
Rock House 11-23-33-2
Rock House 11-23-34-2
Rock House 11-23-41-2
Rock House 11-23-31-2
Rock House 11-23-43-2
Rock House 11-23-21-2
Rock House 11-23-44-2

EOG Resources, Inc
Petes Wash 10-36

Gasco Production Company
Uteland State 34-2-10-18
Uteland State 14-2-10-18

Kerr McGee Oil & Gas Onshore LP
NBU 921-32I
NBU 921-32J
NBU 921-32K (1 significant site which must be avoided,
operator must follow recommendation of arch consultant)

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 20, 2006

Enduring Resources, LLC
475 17th St., Ste. 1500
Denver, CO 80202

Re: Rock House 11-23-24-2 Well, 1616' FSL, 2409' FWL, NE SW, Sec. 2,
T. 11 South, R. 23 East, Bottom Location 660' FSL, 1986' FWL, SE SW,
Sec. 2, T. 11 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38034.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
SITLA

Operator: Enduring Resources, LLC
Well Name & Number Rock House 11-23-24-2
API Number: 43-047-38034
Lease: ML-47087

Location: NE SW Sec. 2 T. 11 South R. 23 East
Bottom Location: SE SW Sec. 2 T. 11 South R. 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

Page 2
43-047-38034
November 20, 2006

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ENDURING RESOURCES, LLC

Well Name: ROCK HOUSE 11-23-24-2

Api No: 43-047-38034 Lease Type: STATE

Section 02 Township 11S Range 23E County UINTAH

Drilling Contractor PETE MARTIN RIG # RATHOLE

SPUDDED:

Date 01/26/07

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by DOUG HAMMOND

Telephone # (435) 781-0172

Date 01/26/2007 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORMOperator: Enduring Resources, LLCOperator Account Number: N 2750Address: 475 17th Street, Suite 1500city Denverstate COzip 80202Phone Number: (303) 350-5719

Well 1

SENE

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738033	Rock House 11-23-41-2	NENE	2	11S	23E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15902	1/26/2007	1/31/07		
Comments: <i>MVRD</i> <i>BHL = NENE</i>						

CONFIDENTIAL

Well 2

NESW

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738034	Rock House 11-23-24-2	SESW	2	11S	23E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15903	1/26/2007	1/31/07		
Comments: <i>MVRD</i> <i>BHL = SESW</i>						

CONFIDENTIAL

Well 3

SENW

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738032	Rock House 11-23-21-2	NENW	2	11S	23E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999		1/26/2007			
Comments: <i>BHL = NENW</i>						

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JAN 29 2007

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING

Name (Please Print)

Signature

Regulatory Affairs Assistant

11/17/2005

Title

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Rock House 11-23-24-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1616' FSL - 2409' FWL (BHL 660' FSL-1986' FEL SESW) COUNTY: Uintah		9. API NUMBER: 4304738034
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/16/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change Drilling Profile-Surface Pipe
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

We successfully used a new drilling directional profile on the Rock House 11-23-33-2 located on this same pad and would like to skid the drilling rig and use the same directional drilling plan. These two wells' surface locations are 25' apart on same pad.

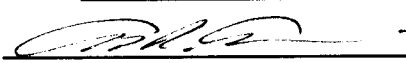
A. We would like to run 1,500' of surface pipe instead of 2,000', and change our drilling plan to provide a better drilling profile, which may lessen the risk and costs of attempting these directional wells.

B. The BHL and surface location will not change.

- Attached is the new directional drilling plan, and
- Attached is the new Surface Casing and Production Casing, and Cement Calculation Spreadsheet.

No other changes to the APD.

3-26-07
RM

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 3/16/2007

RECEIVED

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING

DATE: 3/21/07
(See Instructions on Reverse Side)

MAR 19 2007

DIV. OF OIL, GAS & MINING



Weatherford[®]

Drilling Services

Proposal



ENDURING RESOURCES, INC.

ROCK HOUSE 11-23-24-02

UINTAH COUNTY, UTAH

WELL FILE: **PLAN 1**

MARCH 15, 2007

Weatherford International, Ltd.
15710 John F. Kennedy Blvd, Suite 700
Houston, Texas 77060 USA
+1.281.260.1300 Main
+1.281.260.4730 Fax
www.weatherford.com



ENDURING RESOURCES, L.L.C.

ROCK HOUSE 11-23-24-02
SEC. 2, T11S, R23E
UINTAH COUNTY, UTAH

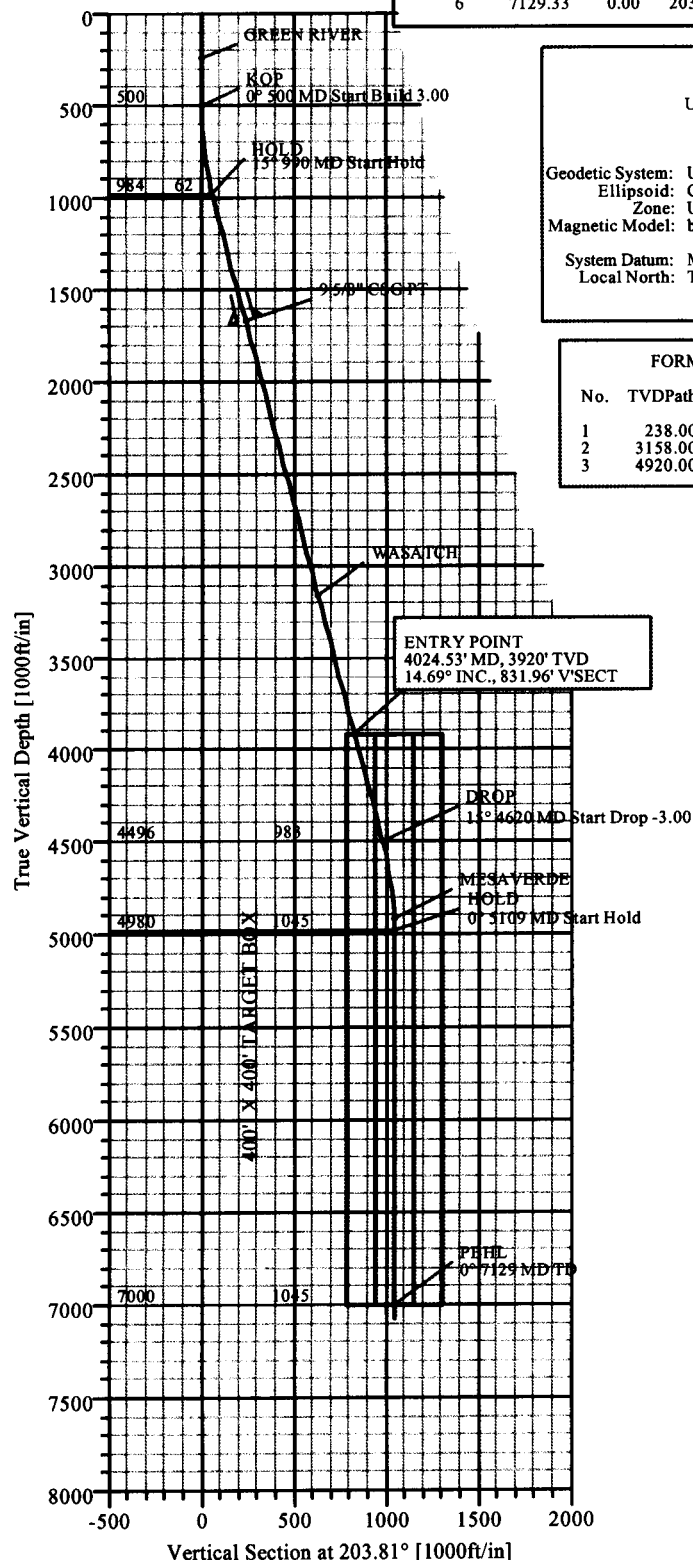


Weatherford

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	203.81	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	203.81	500.00	0.00	0.00	0.00	0.00	0.00	
3	989.62	14.69	203.81	984.27	-57.11	-25.19	3.00	203.81	62.42	
4	4619.71	14.69	203.81	4495.73	-899.25	-396.73	0.00	0.00	982.88	
5	5109.33	0.00	203.81	4980.00	-956.36	-421.92	3.00	180.00	1045.29	
6	7129.33	0.00	203.81	7000.00	-956.36	-421.92	0.00	203.81	1045.29	PBHL

KB ELV: 5592.90'
GR ELV: 5575.90'



FIELD DETAILS

Uintah Basin (NAD 83)
Unitah County, Utah
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: bggm2006

System Datum: Mean Sea Level
Local North: True North

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	238.00	238.00	GREEN RIVER
2	3158.00	3236.79	WASATCH
3	4920.00	5049.32	MESAVERDE

CASING DETAILS

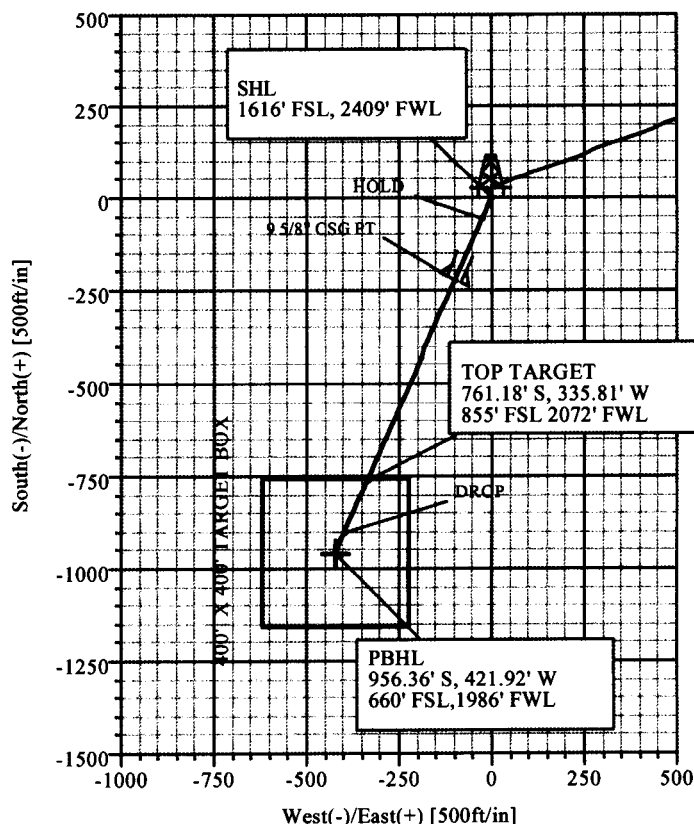
No.	TVD	MD	Name	Size
1	1671.44	1700.00	9 5/8" CSG PT	9.625



Azimuths to True North
Magnetic North: 11.55°

Magnetic Field
Strength: 52763nT
Dip Angle: 65.95°
Date: 3/12/2007
Model: bggm2006

TOTAL CORRECTION TO TRUE NORTH: 11.55°



Plan: Plan #1 (RH 11-23-24-02/1)

Created By: L WINCHELL

Date: 3/15/2007

Weatherford Drilling Services

PROPOSAL PLAN REPORT



Company: Enduring Resources	Date: 3/15/2007	Time: 07:44:45	Page: 1
Field: Uintah Basin (NAD 83)	Co-ordinate(NE) Reference:	Site: ROCK HOUSE 11-23-24-02, True North	
Site: ROCK HOUSE 11-23-24-02	Vertical (TVD) Reference:	SITE 5593.0	
Well: RH 11-23-24-02	Section (VS) Reference:	Well (0.00N,0.00E,203.81Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: Uintah Basin (NAD 83)
 Uintah County, Utah
 USA

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Site Centre
Geomagnetic Model: bggm2006

Site: ROCK HOUSE 11-23-24-02

Site Position:	Northing: 7134909.39 ft	Latitude: 39 53 11.400 N	
From: Geographic	Easting: 2254492.34 ft	Longitude: 109 18 40.840 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5575.90 ft		Grid Convergence: 1.40 deg	

Well: RH 11-23-24-02 1616' FSL 2409' FWL SEC 2-T11S-R23E	Slot Name:
Well Position: +N/-S 0.00 ft	Northing: 7134909.39 ft
+E/-W 0.00 ft	Easting: 2254492.34 ft
Position Uncertainty: 0.00 ft	

Wellpath: 1	Drilled From: Surface	Tie-on Depth: 0.00 ft	
Current Datum: SITE	Height 5593.00 ft	Above System Datum: Mean Sea Level	
Magnetic Data: 3/12/2007		Declination: 11.55 deg	
Field Strength: 52763 nT		Mag Dip Angle: 65.95 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	203.81

Plan: Plan #1	Date Composed: 3/12/2007
	Version: 1
Principal: Yes	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	203.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	203.81	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
989.62	14.69	203.81	984.27	-57.11	-25.19	3.00	3.00	0.00	203.81	
4619.71	14.69	203.81	4495.73	-899.25	-396.73	0.00	0.00	0.00	0.00	
5109.33	0.00	203.81	4980.00	-956.36	-421.92	3.00	-3.00	0.00	180.00	
7129.33	0.00	203.81	7000.00	-956.36	-421.92	0.00	0.00	0.00	203.81	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Build deg/100ft	Turn deg/100ft	DLS deg/100ft	Comment
0.00	0.00	203.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	203.81	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	203.81	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
238.00	0.00	203.81	238.00	0.00	0.00	0.00	0.00	0.00	0.00	GREEN RIVER
300.00	0.00	203.81	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	203.81	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	203.81	500.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	3.00	203.81	599.95	-2.39	-1.06	2.62	3.00	0.00	3.00	
700.00	6.00	203.81	699.63	-9.57	-4.22	10.46	3.00	0.00	3.00	
800.00	9.00	203.81	798.77	-21.51	-9.49	23.51	3.00	0.00	3.00	
900.00	12.00	203.81	897.08	-38.18	-16.85	41.74	3.00	0.00	3.00	
989.62	14.69	203.81	984.27	-57.11	-25.19	62.42	3.00	0.00	3.00	HOLD
1000.00	14.69	203.81	994.32	-59.52	-26.26	65.05	0.00	0.00	0.00	
1100.00	14.69	203.81	1091.05	-82.71	-36.49	90.41	0.00	0.00	0.00	
1200.00	14.69	203.81	1187.78	-105.91	-46.73	115.76	0.00	0.00	0.00	

Weatherford Drilling Services

PROPOSAL PLAN REPORT



Company: Enduring Resources Field: Uintah Basin (NAD 83) Site: ROCK HOUSE 11-23-24-02 Well: RH 11-23-24-02 Wellpath: 1	Date: 3/15/2007 Time: 07:44:45 Page: 2 Co-ordinate(NE) Reference: Site: ROCK HOUSE 11-23-24-02, True North Vertical (TVD) Reference: SITE 5593.0 Section (VS) Reference: Well (0.00N,0.00E,203.81Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Build deg/100ft	Turn deg/100ft	DLS deg/100ft	Comment
1300.00	14.69	203.81	1284.51	-129.11	-56.96	141.12	0.00	0.00	0.00	
1400.00	14.69	203.81	1381.24	-152.31	-67.20	166.48	0.00	0.00	0.00	
1500.00	14.69	203.81	1477.97	-175.51	-77.43	191.83	0.00	0.00	0.00	
1600.00	14.69	203.81	1574.71	-198.71	-87.67	217.19	0.00	0.00	0.00	
1700.00	14.69	203.81	1671.44	-221.91	-97.90	242.54	0.00	0.00	0.00	9 5/8" CSG PT
1800.00	14.69	203.81	1768.17	-245.11	-108.13	267.90	0.00	0.00	0.00	
1900.00	14.69	203.81	1864.90	-268.31	-118.37	293.26	0.00	0.00	0.00	
2000.00	14.69	203.81	1961.63	-291.51	-128.60	318.61	0.00	0.00	0.00	
2100.00	14.69	203.81	2058.37	-314.70	-138.84	343.97	0.00	0.00	0.00	
2200.00	14.69	203.81	2155.10	-337.90	-149.07	369.33	0.00	0.00	0.00	
2300.00	14.69	203.81	2251.83	-361.10	-159.31	394.68	0.00	0.00	0.00	
2400.00	14.69	203.81	2348.56	-384.30	-169.54	420.04	0.00	0.00	0.00	
2500.00	14.69	203.81	2445.29	-407.50	-179.78	445.40	0.00	0.00	0.00	
2600.00	14.69	203.81	2542.02	-430.70	-190.01	470.75	0.00	0.00	0.00	
2700.00	14.69	203.81	2638.76	-453.90	-200.25	496.11	0.00	0.00	0.00	
2800.00	14.69	203.81	2735.49	-477.10	-210.48	521.46	0.00	0.00	0.00	
2900.00	14.69	203.81	2832.22	-500.30	-220.72	546.82	0.00	0.00	0.00	
3000.00	14.69	203.81	2928.95	-523.50	-230.95	572.18	0.00	0.00	0.00	
3100.00	14.69	203.81	3025.68	-546.70	-241.19	597.53	0.00	0.00	0.00	
3200.00	14.69	203.81	3122.42	-569.89	-251.42	622.89	0.00	0.00	0.00	
3236.79	14.69	203.81	3158.00	-578.43	-255.19	632.22	0.00	0.00	0.00	WASATCH
3300.00	14.69	203.81	3219.15	-593.09	-261.66	648.25	0.00	0.00	0.00	
3400.00	14.69	203.81	3315.88	-616.29	-271.89	673.60	0.00	0.00	0.00	
3500.00	14.69	203.81	3412.61	-639.49	-282.13	698.96	0.00	0.00	0.00	
3600.00	14.69	203.81	3509.34	-662.69	-292.36	724.32	0.00	0.00	0.00	
3700.00	14.69	203.81	3606.08	-685.89	-302.60	749.67	0.00	0.00	0.00	
3800.00	14.69	203.81	3702.81	-709.09	-312.83	775.03	0.00	0.00	0.00	
3900.00	14.69	203.81	3799.54	-732.29	-323.07	800.39	0.00	0.00	0.00	
4000.00	14.69	203.81	3896.27	-755.49	-333.30	825.74	0.00	0.00	0.00	
4024.53	14.69	203.81	3920.00	-761.18	-335.81	831.96	0.00	0.00	0.00	TOP TARGET
4100.00	14.69	203.81	3993.00	-778.69	-343.53	851.10	0.00	0.00	0.00	
4200.00	14.69	203.81	4089.73	-801.88	-353.77	876.45	0.00	0.00	0.00	
4300.00	14.69	203.81	4186.47	-825.08	-364.00	901.81	0.00	0.00	0.00	
4400.00	14.69	203.81	4283.20	-848.28	-374.24	927.17	0.00	0.00	0.00	
4500.00	14.69	203.81	4379.93	-871.48	-384.47	952.52	0.00	0.00	0.00	
4600.00	14.69	203.81	4476.66	-894.68	-394.71	977.88	0.00	0.00	0.00	
4619.71	14.69	203.81	4495.73	-899.25	-396.73	982.88	0.00	0.00	0.00	DROP
4700.00	12.28	203.81	4573.80	-916.38	-404.28	1001.60	-3.00	0.00	3.00	
4800.00	9.28	203.81	4672.02	-933.49	-411.83	1020.30	-3.00	0.00	3.00	
4900.00	6.28	203.81	4771.09	-945.87	-417.29	1033.83	-3.00	0.00	3.00	
5000.00	3.28	203.81	4870.73	-953.50	-420.66	1042.17	-3.00	0.00	3.00	
5049.32	1.80	203.81	4920.00	-955.50	-421.54	1044.35	-3.00	0.00	3.00	MESAVERDE
5100.00	0.28	203.81	4970.67	-956.34	-421.91	1045.27	-3.00	0.00	3.00	
5109.33	0.00	203.81	4980.00	-956.36	-421.92	1045.29	-3.00	0.00	3.00	HOLD
5200.00	0.00	203.81	5070.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5300.00	0.00	203.81	5170.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5400.00	0.00	203.81	5270.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5500.00	0.00	203.81	5370.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5600.00	0.00	203.81	5470.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5700.00	0.00	203.81	5570.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5800.00	0.00	203.81	5670.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
5900.00	0.00	203.81	5770.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6000.00	0.00	203.81	5870.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	

Weatherford Drilling Services

PROPOSAL PLAN REPORT



Weatherford

Company: Enduring Resources Field: Uintah Basin (NAD 83) Site: ROCK HOUSE 11-23-24-02 Well: RH 11-23-24-02 Wellpath: 1	Date: 3/15/2007 Time: 07:44:45 Page: 3 Co-ordinate(NE) Reference: Site: ROCK HOUSE 11-23-24-02, True North Vertical (TVD) Reference: SITE 5593.0 Section (VS) Reference: Well (0.00N,0.00E,203.81Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Build deg/100ft	Turn deg/100ft	DLS deg/100ft	Comment
6100.00	0.00	203.81	5970.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6200.00	0.00	203.81	6070.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6300.00	0.00	203.81	6170.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6400.00	0.00	203.81	6270.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6500.00	0.00	203.81	6370.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6600.00	0.00	203.81	6470.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6700.00	0.00	203.81	6570.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6800.00	0.00	203.81	6670.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
6900.00	0.00	203.81	6770.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
7000.00	0.00	203.81	6870.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
7100.00	0.00	203.81	6970.67	-956.36	-421.92	1045.29	0.00	0.00	0.00	
7129.33	0.00	203.81	7000.00	-956.36	-421.92	1045.29	0.00	0.00	0.00	PBHL

Annotation

MD ft	TVD ft	
500.00	500.00	KOP
989.62	984.27	HOLD
4024.53	3920.00	TOP TARGET
4619.71	4495.73	DROP
5109.33	4980.00	HOLD
7129.33	7000.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
238.00	238.00	GREEN RIVER		0.00	0.00
3236.79	3158.00	WASATCH		0.00	0.00
5049.32	4920.00	MESAVERDE		0.00	0.00

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1700.00	1671.44	9.625	12.250	9 5/8" CSG PT

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec	← Longitude → Deg Min Sec
PBHL	-Rectangle (400x400)		7000.00	-956.36	-421.92	7133942.99	2254093.95	39 53 1.948 N	109 18 46.253 W
	-Plan hit target								

INPUT DATA:

OUTPUT CALCS:

at BSC	1533	812	0.541	psi/ft				
at Top of Tail	3321	1550	0.555		2088 lead length		Top of Lead:	1233
at Wasatch Top	3321	1550	0.555				Bottom of Lead:	3321
at Mesaverde Top	5116	3170	0.638				Top of Tail:	3321
at proposed TD (TVD)	7040	4717	0.670		4270 tail length		Bottom of Tail:	7191
Static Press Gradient (cmt col. to 300' above BSC; 10ppg mud from 0-TOC; excluding pump press.)								
TVD at BSC	1500	812	0.541					
TVD at Top of Tail	2792	1550	0.555					
TVD at Wasatch Top	3192	1848	0.579					
TVD at Mesaverde Top	4965	3170	0.638					
at proposed TD (TVD)	7040	4717	0.670					
Max. Anticipated BHP (0.52 psi/ft x TD);					3765	psi		
Max. Anticipated Surf. Press (Max BHP - 0.22 psi/ft x TD);					2172	psi		

Well name: **2006-11 Enduring Rock House 11-23-24-2** *revised 3/21/07*
 Operator: **Enduring Resource, LLC**
 String type: **Surface**
 Location: **Uintah County**
 Project ID: **43-047-38034**

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 96 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top:

16 ft

w/100 ft washout

O.K.

Burst

Max anticipated surface pressure: 1,320 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,314 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,450 ft
 Next mud weight: 9.800 ppg
 Next setting BHP: 3,793 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,500 ft
 Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	651.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	655	2020	3.086	1500	3520	2.35	47	394	8.33 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: March 21, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078
2. NAME OF OPERATOR:	Enduring Resources, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR:	475 17th Street, Suite 1500 CITY: Denver STATE: CO ZIP: 80202	7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL	FOOTAGES AT SURFACE: 1616' FSL - 2409' FWL (BHL 660' FSL-1986' FEL SESW)	8. WELL NAME and NUMBER: Rock House 11-23-24-2
	QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S	9. API NUMBER: 4304738034
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Conductor and Surface Pipe Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/28/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1-26-2007 MIRU Pete Martin and drill 40' of 20" conductor hole. Run 40' of 14" conductor and cement w/ 3 yards of ReadyMix.

1-31-2007 MIRU Bill Jr's and drill 500' of 12-1/4' pilot hole.

3-24-2007-3-26-2007 Skid Patterson-UTI Drilling Rig. Drill to 1,725'.

3-27-2007 Ran 41 joints of 9-5/8", 36#'s, K-55 ST&C Casing. Total 1,717' KB Install 9-5/8" WHI Casing hanger, adapter, & landing joint. Set Casing @1,717' K.B. Install Superior cementing head and cement as follows...

Stage: 1, Lead, 0, 150, 16% Gel, +0.25 #/sx Superflake, + 1% Supersil-SP, +10 #/sx Gilsonite, + 0.2% Super CR-1, +3% Salt, Class A, 3.81, 11.

Stage: 2, Tail, 0, 200, 2% CaCl2, 0.25 #/sx Superflake, +0.2% Super CR-1, Class A, 1.18, 15.6.

No Top: Checked Floats, held OK. Cement held at surface.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 3/28/2007

(This space for State use only)

RECEIVED
MAR 30 2007
DIV. OF OIL, GAS & MINING

43-047-38034

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

CONFIDENTIAL

April 9, 2007

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

**RE: Well Logs
Rock House 11-23-24-2
SESW Sec 2-T11S-R23E (BHL)
Uintah County, Utah**

Ladies and Gentlemen:

Attached is one original copy of the log run on the above-referenced well.

Please hold this information as "confidential" as long as allowed.

Should you have any questions concerning this matter, please do not hesitate to call 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Enclosures as stated:

RECEIVED
APR 11 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
n/a

7. UNIT or CA AGREEMENT NAME:
n/a

8. WELL NAME and NUMBER:

Rock House 11-23-24-2

9. API NUMBER:

4304738034

10. FIELD AND POOL, OR WILDCAT:

Wildcat

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

Enduring Resources, LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1616' FSL - 2409' FWL (BHL SESW)

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

5/31/2007

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☒ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Notice of First Gas Sales on 5-25-2007

5-25-07 42 MCFGD over night,

5-26-07 32 MCFGD, TP #240#'s, CP 1,550#'s, LP 247#'s

Completion Report to Follow.

RECEIVED
JUN 04 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE

5/31/2007

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Rock House 11-23-24-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1616' FSL - 2409' FWL (BHL 660' FSL-1986' FEL SESW) COUNTY: Uintah		9. API NUMBER: 4304738034
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 5/20/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

In order to prevent waste of gas, as defined by law; to protect the correlative rights of all parties concerned; to prevent the drilling of un-necessary wells; and to insure proper and efficient development and promote conservation of the gas resources of the State of Utah, Enduring Resources, LLC respectfully request approval to perforate and commingle the Wasatch and Mesaverde formations "pools" in the same well bore.

1. Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs.
2. These formations shall be commingled in the well bore and produced concurrently in a single string of 2-3/8" production tubing.
3. Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units.
4. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas lease or production units overlying the "pool."

COPY SENT TO OPERATOR
Date: 6-11-07
Initials: [Signature]

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 1/30/2007

(This space for State use only)

MAY 03 2007

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500
Denver, Colorado 80202
Telephone: 303-573-1222
Facsimile: 303-573-0461

April 30, 2007

Rosewood Resources, Inc.
P.O. Box 840621
Dallas, Texas 75281

CERTIFIED MAIL
ARTICLE NO: 7006 3450 0001 4272 3718

Attention: Land Department

RE: Commingling Application
Rock House 11-23-24-2
SHL= 616' FSL-2409' FWL, (BHL=660' FSL-1986' FEL) SESW Sec 2-11S-23E
Uintah County, Utah

Dear Leasehold Interest Owner:

Enduring Resources, LLC ("Enduring") has filed an application with the State of Utah Division of Oil, Gas, and Mining requesting approval of the Wasatch and Mesaverde formations (pools) in the above-referenced well to be commingled.

Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas leases or production units overlying the commingled pools (commingled formations).

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

AFFIDAVIT OF MAILING

Statue of Colorado)
City and)ss.
County of Denver)

Alvin R. Arlian (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn upon oath, deposes and says:

1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475 17th Street, Denver, Colorado 80202,

2. Enduring is the operator of the following described oil and gas well:

Rock House 11-23-24-2

**SHL= 616' FSL-2409' FWL, (BHL=660' FSL-1986' FEL) SESW Sec 2-11S-23E
Uintah County, Utah**

3. A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."

- | | |
|-----------------------------|-----------------------------------|
| 1. Rosewood Resources | 2. Morgan United, LLC |
| 3. Best Exploration, Inc | 4. TK Production Company |
| 5. Montana & Wyoming Oil | 6. AZ Oil, Inc. |
| 7. Western Independent | 8. Harold & Eva Holden 95 Trust |
| 9. Great Northern Drilling | 10. Earl E. Norwood |
| 11. Fran Fox Trust 1/1/80 | 12. Walter S. Fees, Jr., Trust #1 |
| 13. Morgan Marathon, LLC | 14. Western Independent |
| 15. DJ Investment Co., LTD. | 16. Houston Exploration Company |

4. On Monday, April 30, 2007 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and

5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

Affiant saith no more.


Alvin R. Arlian, Affiant

Scribed and sworn to before me this 30th day of April, 2007 by Alvin R. Arlian.

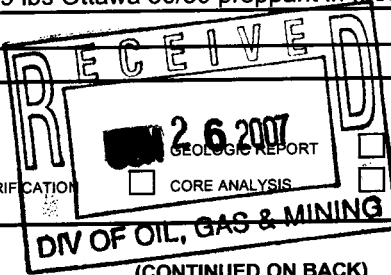
9/23/2007
My Commission Expires:  Sharon E. Semo
Notary Public.

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078			
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A			
2. NAME OF OPERATOR: Enduring Resources, LLC						7. UNIT or CA AGREEMENT NAME N/A			
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202						8. WELL NAME and NUMBER: Rock House 11-23-24-02			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1616' FSL - 2409' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 660' FSL - 1986' FWL, SESW AT TOTAL DEPTH: 660' FSL - 1986' FWL, SESW 0617 FSL 1995 FWL						9. API NUMBER: 4304738034			
10. FIELD AND POOL, OR WILDCAT Wildcat						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S			
12. COUNTY Uintah						13. STATE UTAH			
14. DATE SPURRED: 3/24/2007		15. DATE T.D. REACHED: 4/3/2007		16. DATE COMPLETED: 5/25/2007		17. ELEVATIONS (DF, RKB, RT, GL): 5598 RKB			
18. TOTAL DEPTH: MD 7,130 TVD 7,002		19. PLUG BACK T.D.: MD 7,070 TVD 6,942		20. IF MULTIPLE COMPLETIONS, HOW MANY? * 1		21. DEPTH BRIDGE MD PLUG SET: TVD			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Previously submitted. <i>PE/LD/CN/AI Tool</i>						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
12 1/4"	9 5/8 J55	36#	16	1,712		CI G 350	144	16 (CIR)	0
7-7/8"	4 1/2 M80	11.6#	16	7,114		CI G 1175	325	540 (CBL)	0
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	6,478								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Mesaverde	6,520	7,012	6,392	6,884	6,520 7,012	.38"	86	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
6,520' - 7,012' (MD)		Placed 40,039 lbs Ottawa 30/50 proppant in Mesaverde formation							
29. ENCLOSED ATTACHMENTS:									
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION									
<input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> CORE ANALYSIS OTHER: _____									
30. WELL STATUS: Producing									



31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 5/25/2007	TEST DATE: 6/19/2007	HOURS TESTED: 600	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 40	WATER – BBL: 0	PROD. METHOD: 25 day avg
CHOKE SIZE: 64/64	TBG. PRESS. 260	CSG. PRESS. 850	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Producing

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	238 3,158 4,920

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee

TITLE Engineering Tech

SIGNATURE

DATE 6/21/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



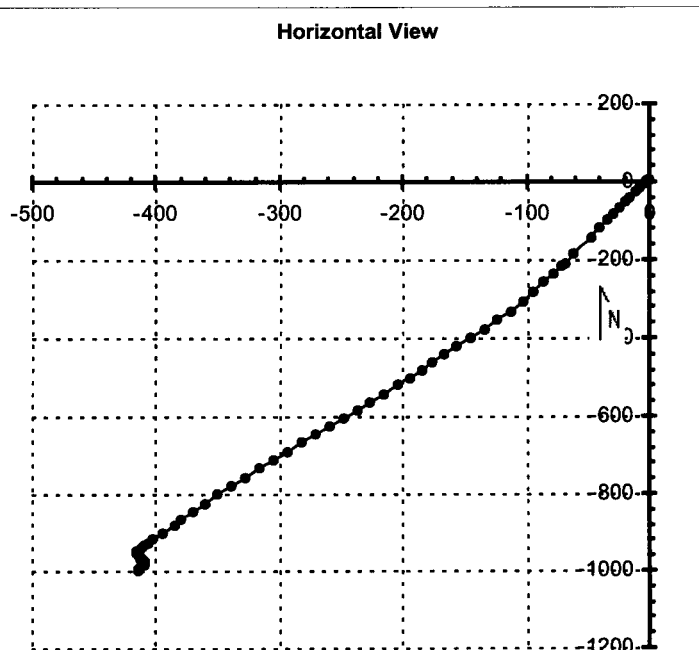
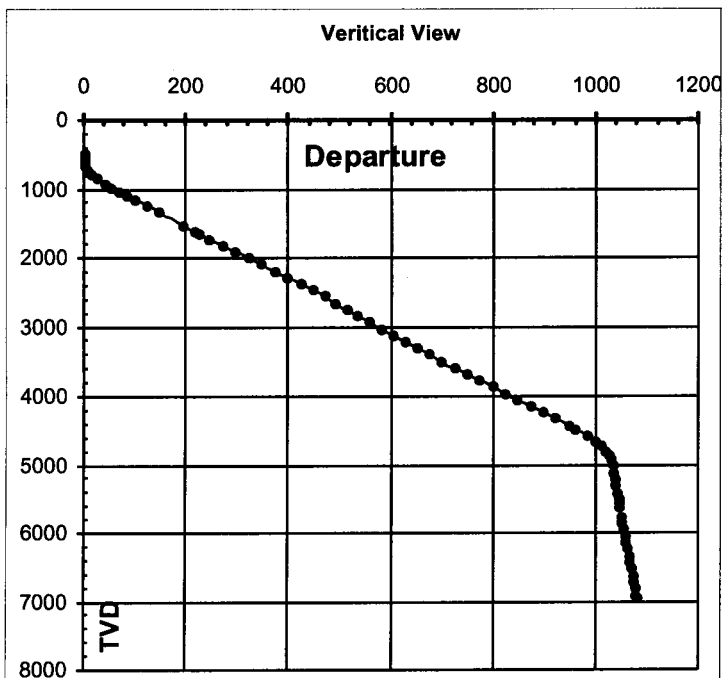
Enduring Resources, LLC

475 17th St. - Suite 1500
Denver, CO 80202
(303) 573-1222

Drilling Survey Report

Well Name: ROCK HOUSE 11-23-24-02

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:		District:	Northern



Sur No	Date	Tie In	Meas Dep	Inclination	Azimuth	Desired Az	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
1	3/25/2007	<input type="checkbox"/>	488	0.75	347.05	203.81	487.99	-2.56	3.11	-0.72	0.15
2	3/25/2007	<input type="checkbox"/>	549	0.31	301.68	203.81	548.99	-2.90	3.59	-0.95	0.94
3	3/25/2007	<input type="checkbox"/>	611	1.81	220.30	203.81	610.98	-1.99	2.93	-1.72	2.89
4	3/26/2007	<input type="checkbox"/>	672	4.88	202.50	203.81	671.87	1.53	-0.20	-3.34	5.25
5	3/26/2007	<input type="checkbox"/>	734	7.50	199.30	203.81	733.51	8.20	-6.46	-5.68	4.26
6	3/26/2007	<input type="checkbox"/>	795	10.13	196.68	203.81	793.79	17.49	-15.35	-8.54	4.36
7	3/26/2007	<input type="checkbox"/>	857	11.50	196.18	203.81	854.69	29.03	-26.51	-11.83	2.21
8	3/26/2007	<input type="checkbox"/>	918	13.00	197.93	203.81	914.30	41.88	-38.88	-15.63	2.53
9	3/26/2007	<input type="checkbox"/>	980	13.94	197.57	203.81	974.59	56.24	-52.63	-20.03	1.52
10	3/27/2007	<input type="checkbox"/>	1044	14.56	197.57	203.81	1036.63	71.90	-67.65	-24.79	0.97
11	3/27/2007	<input type="checkbox"/>	1108	14.00	198.43	203.81	1098.65	87.61	-82.67	-29.67	0.94
12	3/27/2007	<input type="checkbox"/>	1172	13.38	197.18	203.81	1160.83	102.67	-97.09	-34.30	1.07
13	3/27/2007	<input type="checkbox"/>	1268	13.63	196.30	203.81	1254.18	124.92	-118.55	-40.76	0.34
14	3/27/2007	<input type="checkbox"/>	1364	15.00	197.05	203.81	1347.19	148.47	-141.29	-47.57	1.44
15	3/27/2007	<input type="checkbox"/>	1556	13.88	197.18	203.81	1533.13	196.02	-187.04	-61.66	0.58
16	3/28/2007	<input type="checkbox"/>	1652	14.44	199.43	0.00	1626.21	-209.33	-209.33	-69.04	0.82
17	3/28/2007	<input type="checkbox"/>	1675	14.31	199.68	0.00	1648.49	-214.71	-214.71	-70.96	0.63
18	3/29/2007	<input type="checkbox"/>	1758	14.69	199.80	0.00	1728.85	-234.27	-234.27	-77.97	0.46
19	3/29/2007	<input type="checkbox"/>	1854	15.25	199.18	0.00	1821.59	-257.65	-257.65	-86.25	0.61
20	3/30/2007	<input type="checkbox"/>	1948	15.56	198.55	0.00	1912.21	-281.28	-281.28	-94.32	0.37
21	3/30/2007	<input type="checkbox"/>	2045	16.25	198.18	0.00	2005.50	-306.51	-306.51	-102.69	0.72
22	3/30/2007	<input type="checkbox"/>	2141	15.31	204.68	0.00	2097.88	-330.79	-330.79	-112.17	2.08
23	3/30/2007	<input type="checkbox"/>	2237	16.00	204.80	0.00	2190.32	-354.31	-354.31	-123.02	0.72
24	3/30/2007	<input type="checkbox"/>	2333	14.69	208.05	0.00	2282.90	-377.07	-377.07	-134.29	1.63



Enduring Resources, LLC

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Drilling Survey Report

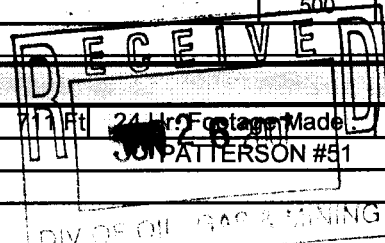
25	3/30/2007	<input type="checkbox"/>	2429	14.88	206.80	0.00	2375.72	-398.81	-398.81	-145.57	0.39
26	3/30/2007	<input type="checkbox"/>	2525	14.94	204.55	0.00	2468.49	-421.07	-421.07	-156.27	0.61
27	3/30/2007	<input type="checkbox"/>	2622	13.38	207.55	0.00	2562.54	-442.39	-442.39	-166.66	1.78
28	3/30/2007	<input type="checkbox"/>	2718	12.88	205.05	0.00	2656.03	-461.93	-461.93	-176.32	0.79
29	3/30/2007	<input type="checkbox"/>	2814	12.75	202.05	0.00	2749.64	-481.45	-481.45	-184.83	0.71
30	3/30/2007	<input type="checkbox"/>	2911	12.56	207.05	0.00	2844.28	-500.76	-500.76	-193.65	1.15
31	3/30/2007	<input type="checkbox"/>	3007	14.13	208.30	0.00	2937.69	-520.37	-520.37	-203.95	1.66
32	3/31/2007	<input type="checkbox"/>	3103	14.38	207.68	0.00	3030.73	-541.25	-541.25	-215.04	0.31
33	3/31/2007	<input type="checkbox"/>	3200	13.88	206.80	0.00	3124.80	-562.30	-562.30	-225.88	0.56
34	3/31/2007	<input type="checkbox"/>	3296	14.69	207.93	0.00	3217.83	-583.33	-583.33	-236.78	0.89
35	3/31/2007	<input type="checkbox"/>	3392	14.50	207.68	0.00	3310.73	-604.73	-604.73	-248.06	0.21
36	3/31/2007	<input type="checkbox"/>	3488	14.56	207.93	0.00	3403.66	-626.03	-626.03	-259.29	0.09
37	3/31/2007	<input type="checkbox"/>	3584	14.50	208.05	0.00	3496.59	-647.30	-647.30	-270.60	0.07
38	3/31/2007	<input type="checkbox"/>	3680	14.63	208.30	0.00	3589.51	-668.58	-668.58	-282.00	0.15
39	3/31/2007	<input type="checkbox"/>	3777	15.13	207.18	0.00	3683.26	-690.63	-690.63	-293.59	0.59
40	3/31/2007	<input type="checkbox"/>	3873	15.06	207.55	0.00	3775.94	-712.83	-712.83	-305.08	0.12
41	3/31/2007	<input type="checkbox"/>	3969	15.13	206.80	0.00	3868.63	-735.07	-735.07	-316.50	0.22
42	3/31/2007	<input type="checkbox"/>	4065	15.06	206.55	0.00	3961.32	-757.41	-757.41	-327.72	0.10
43	3/31/2007	<input type="checkbox"/>	4161	14.94	206.18	0.00	4054.05	-779.67	-779.67	-338.75	0.16
44	3/31/2007	<input type="checkbox"/>	4257	15.00	204.93	0.00	4146.79	-802.04	-802.04	-349.45	0.34
45	3/31/2007	<input type="checkbox"/>	4353	14.69	203.93	0.00	4239.58	-824.44	-824.44	-359.62	0.42
46	4/1/2007	<input type="checkbox"/>	4449	14.50	203.55	0.00	4332.49	-846.58	-846.58	-369.36	0.22
47	4/1/2007	<input type="checkbox"/>	4546	14.50	203.05	0.00	4426.40	-868.89	-868.89	-378.97	0.13
48	4/1/2007	<input type="checkbox"/>	4610	13.56	203.18	0.00	4488.49	-883.15	-883.15	-385.06	1.47
49	4/1/2007	<input type="checkbox"/>	4705	11.44	207.93	0.00	4581.24	-901.72	-901.72	-393.86	2.48
50	4/1/2007	<input type="checkbox"/>	4801	9.56	205.05	0.00	4675.63	-917.35	-917.35	-401.69	2.03
51	4/1/2007	<input type="checkbox"/>	4865	8.44	202.05	0.00	4738.84	-926.52	-926.52	-405.70	1.90
52	4/1/2007	<input type="checkbox"/>	4929	6.69	200.30	0.00	4802.28	-934.37	-934.37	-408.76	2.76
53	4/1/2007	<input type="checkbox"/>	4993	4.81	202.05	0.00	4865.96	-940.35	-940.35	-411.06	2.95
54	4/1/2007	<input type="checkbox"/>	5057	3.25	205.80	0.00	4929.80	-944.47	-944.47	-412.86	2.47
55	4/1/2007	<input type="checkbox"/>	5154	1.19	192.30	0.00	5026.73	-947.93	-947.93	-414.27	2.18
56	4/2/2007	<input type="checkbox"/>	5250	1.63	192.30	0.00	5122.70	-950.24	-950.24	-414.77	0.46
57	4/2/2007	<input type="checkbox"/>	5346	1.13	164.80	0.00	5218.67	-952.49	-952.49	-414.82	0.85
58	4/2/2007	<input type="checkbox"/>	5442	1.63	167.00	0.00	5314.65	-954.73	-954.73	-414.26	0.52
59	4/2/2007	<input type="checkbox"/>	5538	1.81	165.43	0.00	5410.60	-957.53	-957.53	-413.57	0.19
60	4/2/2007	<input type="checkbox"/>	5634	2.06	171.80	0.00	5506.55	-960.70	-960.70	-412.94	0.34
61	4/2/2007	<input type="checkbox"/>	5698	2.13	167.80	0.00	5570.50	-963.00	-963.00	-412.53	0.25
62	4/2/2007	<input type="checkbox"/>	5745	1.13	173.05	0.00	5617.49	-964.32	-964.32	-412.29	2.15
63	4/2/2007	<input type="checkbox"/>	5891	1.19	164.30	0.00	5763.46	-967.21	-967.21	-411.70	0.13
64	4/2/2007	<input type="checkbox"/>	5988	1.63	155.30	0.00	5860.43	-969.43	-969.43	-410.86	0.51
65	4/2/2007	<input type="checkbox"/>	6082	2.06	163.68	0.00	5954.38	-972.27	-972.27	-409.82	0.54
66	4/2/2007	<input type="checkbox"/>	6178	1.38	174.43	0.00	6050.33	-975.07	-975.07	-409.22	0.78
67	4/3/2007	<input type="checkbox"/>	6275	1.44	177.43	0.00	6147.31	-977.45	-977.45	-409.06	0.10
68	4/3/2007	<input type="checkbox"/>	6371	1.81	186.18	0.00	6243.27	-980.16	-980.16	-409.17	0.46
69	4/3/2007	<input type="checkbox"/>	6467	2.06	187.55	0.00	6339.21	-983.38	-983.38	-409.56	0.26
70	4/3/2007	<input type="checkbox"/>	6563	1.75	208.68	0.00	6435.16	-986.38	-986.38	-410.49	0.79
71	4/3/2007	<input type="checkbox"/>	6659	1.25	204.68	0.00	6531.13	-988.62	-988.62	-411.63	0.53
72	4/3/2007	<input type="checkbox"/>	6755	1.31	201.68	0.00	6627.10	-990.59	-990.59	-412.47	0.09
73	4/4/2007	<input type="checkbox"/>	6852	1.31	191.80	0.00	6724.08	-992.70	-992.70	-413.11	0.23
74	4/4/2007	<input type="checkbox"/>	6948	1.44	196.05	0.00	6820.05	-994.94	-994.94	-413.66	0.17
75	4/4/2007	<input type="checkbox"/>	7044	1.75	185.93	0.00	6916.01	-997.55	-997.55	-414.15	0.44
76	4/4/2007	<input type="checkbox"/>	7080	2.25	165.62	0.00	6951.99	-998.78	-998.78	-414.03	2.39

**Enduring Resources, LLC**

475 17th St. - Suite 1500
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4304738034
**Drilling Chronological
Regulatory**

Well Name: ROCK HOUSE 11-23-24-02										
Field Name:	Utah Wildcat		S/T/R:	2/11S/23E		County, State:	UINTAH, UT			
Operator:	Enduring Resources LLC		Location Desc:			District:	Northern			
Project AFE:	DV00289		AFEs Associated:	/ / /						
Daily Summary										
Activity Date :	1/27/2007		Days From Spud :	0		Current Depth :	40 Ft		24 Hr. Footage Made :	40 Ft
Rig Company :					Rig Name:					
Formation :					Weather:					
Operations										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	9.00	24	SDFN				0	0	NIH	
15:00	3.00	02	MI PETE MARTIN AND DRILL 40 FT OF 20" CONDUCTOR HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READYMIX				0	40	NIH	
18:00	12.00	24	SDFN				40	40	NIH	
Total:	24.00									
Daily Summary										
Activity Date :	1/31/2007		Days From Spud :	0		Current Depth :	500 Ft		24 Hr. Footage Made :	460 Ft
Rig Company :					Rig Name:					
Formation :					Weather:					
Operations										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	12.00	24	SDFN				40	40	NIH	
18:00	12.00	02	MI BILL JRS AND DRILL 500 FT OF 12 1/4" PILOT HOLE				40	500	NIH	
Total:	24.00									
Daily Summary										
Activity Date :	3/23/2007		Days From Spud :	0		Current Depth :	500 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :	PATTERSON UTI				Rig Name:	PATTERSON #51				
Formation :					Weather:					
Operations										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	24.00	01	Preparing for rig move on 3/23/07				500	500	NIH	
Total:	24.00									
Daily Summary										
Activity Date :	3/24/2007		Days From Spud :	0		Current Depth :	500 Ft		24 Hr. Footage Made :	0 Ft
Rig Company :	PATTERSON UTI				Rig Name:	PATTERSON #51				
Formation :	Green River				Weather:					
Operations										
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run	
6:00	9.50	01	Skid rig with Jones Trucking				500	500	NIH	
15:30	11.50	01	Finish rigging up - nipple up riser				500	500	NIH	
3:00	3.00	06	Pick up BHA #1 with directional tools				500	500	1	
Total:	24.00									
Daily Summary										
Activity Date :	3/25/2007		Days From Spud :	1		Current Depth :	711 Ft		24 Hr. Footage Made :	175 Ft
Rig Company :	PATTERSON UTI				Rig Name:	PATTERSON #51				
Formation :	Green River				Weather:					



Well Name: ROCK HOUSE 11-23-24-02											
Field Name:		Utah Wildcat		S/T/R:		2/11S/23E		County, State:		UINTAH, UT	
Operator:		Enduring Resources LLC		Location Desc:				District:		Northern	

Daily Summary															
Activity Date :		3/26/2007		Days From Spud :		2		Current Depth :		1094 Ft		24 Hr. Footage Made :		385 Ft	
Rig Company :		PATTERSON UTI				Rig Name:		PATTERSON #51							
Formation :		Green River				Weather:									

Operations												
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run
6:00	1.50	20	Drilling Ahead F/711' T/730' (19' @ 12.7 ft/hr) Slide: WOB-26K, RPM 51m, PP-949, SPM-157, GPM-466							711	730	1
7:30	1.25	20	Drilling Ahead F/730' T/753' (23' @ 16.8 ft/hr) Rot: WOB-26K, RPM 28t+51m=79, PP-949, SPM-156, GPM-463							730	753	1
8:45	0.50	07	Rig Service							751	751	1
9:15	1.25	20	Drilling Ahead F/753' T/765' (12' @ 9.6 ft/hr) Slide: WOB-25K, RPM 52t, PP-949, SPM-158, GPM-468							751	765	1
10:30	1.00	20	Drilling Ahead F/765' T/784' (19' @ 19 ft/hr) Rot: WOB-23K, RPM 29t+51m=80,							765	784	1
11:30	1.00	20	Drilling Ahead F/784' T/799' (15' @ 15 ft/hr) Slide: WOB-28K, RPM 51m, PP-949, SPM-156, GPM-462							784	799	1
12:30	0.75	20	Drilling Ahead F/799' T/815' (16' @ 21.3 ft/hr) Ror: WOB-23K, RPM 34t+51m=85, PP-949, SPM-156, GPM-463							799	815	1
13:15	1.50	05	Circ off bottom (Work on pumps and Pason Euipment)							815	815	1
14:45	3.00	20	Drilling Ahead F/815' T/868' (53' @ 17.7 ft/hr) Slide: WOB-27K, RPM 38t+54m=92, PP-866, SPM-165, GPM-489							815	868	1
17:45	1.00	20	Drilling Ahead F/868' T/886' (18' @ 18 ft/hr) Slide: WOB-35K, RPM 53m, PP-837, SPM-161, GPM-477							868	886	1
18:45	1.25	20	Drilling Ahead F/886' T/907' (21' @ 16.8 ft/hr) Rot: WOB-35K, RPM 33t+52m=85, PP-856, SPM-160, GPM-474							886	907	1
20:00	1.00	20	Drilling Ahead F/907' T/917' (10' @ 10 ft/hr) Slide: WOB-30K, RPM-53m, PP-882, SPM-164, GPM-496							907	917	1
21:00	0.75	20	Drilling Ahead F/917' T/938' (21' @ 28 ft/hr) Rot: WOB-29K, RPM 36t+53m=89, PP-901, SPM-163, GPM-483							917	917	1
21:45	1.25	20	Drilling Ahead F/938' T/947' (9' @ Slide: WOB:32K, RPM-52, PP-875, SPM-160, GPM-474							917	947	1
23:00	1.00	20	Drilling Ahead F/947' T/968' (21' @ 21 ft/hr) Rot: WOB-33K, RPM 34t+52m=86, PP-893, SPM-159, GPM-471							947	968	1
0:00	1.25	20	Drilling Ahead F/968' T/977' (9' @ 7.2 ft/hr) Slide: WOB-30K, RPM-53m, PP-889, SPM-161, GPM-477							968	977	1
1:15	0.75	20	Drilling Ahead F/977' T/994' (16' @ 21.3 ft/hr) Rot: WOB-30K, RPM 36t+52m=88, PP-889, SPM-161, GPM-477,							977	994	1
2:00	1.00	20	Drilling Ahead F/994' T/1011' (17' @ 17 ft/hr) Slide: WOB-30K, RPM 53m, PP-918, SPM-161, GPM-477							994	1011	1
3:00	0.50	20	Drilling Ahead F/1011' T/1024' (13' @ 26 ft/hr) Rot: WOB-28K, RPM 36t+53=89, PP-937, SPM-161, GPM-477							1011	1024	1
3:30	1.00	20	Drilling Ahead F/1024' T/1039' (14' @ 14 ft/hr) Slide: WOB-30K, RPM-53m, PP-925, SPM-161, GPM-477							1024	1039	1
4:30	1.50	20	Drilling Ahead F/1039' T/1094' (55' @ 36.7 ft/hr) Rot: WOB-33K, RPM 36t+52m=88, PP-928, SPM-160, GPM-474							1039	1094	1
Total:		24.00										

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
762	9:00	8.90	8.90	40	36	24	4/8/11	13.2	0.0	3	0.00	0.0%	100.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.60	0.80	0.60	1.45	500	60	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	8.9	0		Rig Check @ 5:30 am: MWT- 9.1 Vis- 42									

Well Name: ROCK HOUSE 11-23-24-02											
Field Name:		Utah Wildcat		S/T/R:		2/11S/23E		County, State:		UINTAH, UT	
Operator:		Enduring Resources LLC		Location Desc:				District:		Northern	

Daily Summary															
Activity Date :		3/27/2007		Days From Spud :		3		Current Depth :		1658 Ft		24 Hr. Footage Made :		564 Ft	
Rig Company :		PATTERSON UTI				Rig Name:		PATTERSON #51							
Formation :		UINTA				Weather:									

Operations														
Start	Hrs	Code	Remarks								Start Depth	End Depth	Run	
6:00	4.50	20	Drilling Ahead F/1094' T/1222' (128' @ 28.4 ft/hr) Rot: WOB-33K, RPM 33t+53m=86, PP-929, SPM-163, GPM-483								1094	1222	1	
10:30	1.00	20	Drilling ahead F/1222' T/1231' (9' @ 9 ft/hr) Slide: WOB-37K, RPM 53m, PP-922, SPM-162, GPM-480								1222	1231	1	
11:30	2.25	20	Drilling Ahead F/1231' T/1318' (87' @ 38.7 ft/hr) Rot: WOB-36K, RPM 36t+53m=89, PP-933, SPM-163, GPM-483								1231	1318	1	
13:45	1.75	20	Drilling Ahead F/1318' T/1337' (19' @ 10.9 ft/hr) Slide: WOB-32K, RPM-53m, PP-970, SPM-163, GPM-483								1318	1337	1	
15:30	0.50	20	Drilling Ahead F/1337' T/1350' (13' @ 26 ft/hr) Rot: WOB-35K, RPM 34t+53m=87, PP-997, SPM-161, GPM-477								1337	1350	1	
16:00	0.50	07	Service Rig								1350	1350	1	
16:30	6.25	20	Drilling Ahead F/1350' T/1509' (159' @ 25.4 ft/hr) Rot: WOB-32K, RPM 39t+52m=91, PP-939, SPM-159, GPM-471								1350	1509	1	
22:45	1.25	20	Drilling Ahead F/1509' T/1524' (15' @ 12 ft/hr) Slide: WOB-36K, RPM 54m, PP 1048, SPM-165, GPM-489								1509	1524	1	
0:00	3.50	20	Drilling Ahead F/1524' T/1638' (114' @ 32.6 ft/hr) Rot: WOB-33K, RPM 41t+54m=95, PP-1048, SPM-165, GPM-489								1524	1638	1	
3:30	0.50	08	Light plant went down due to faulty breaker - PU off bottom and circulate								1638	1638	1	
4:00	1.00	08	Tightning riser/flow nipple								1638	1638	1	
5:00	0.50	10	Deviation Survey @ 1556' DEV 13.88, AZI 197.18								1638	1638	1	
5:30	0.50	02	Drilling Ahead F/1638' T/1658' (20' @ 40 ft/hr) Slide: WOB-32K, RPM 52m, PP-971, SPM-160, GPM-474								1638	1658	1	
Total:		24.00												

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
1254	12:00	8.90	8.90	35	12	8	3/6/10	13.0	0.0	3	0.00	0.0%	100.0%	0.0%	0.1%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.80	0.50	0.30	1.00	500	120	0	0.00	0.00	0	0	0.00		0		
Water Loss		LCM	ECD	FL Temp	UFT	Remarks										
0		0.0	8.9	0		Rig Check @ 5:30 am MWT- 9.0 Vis - 33										

Well Name: ROCK HOUSE 11-23-24-02																	
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT					
Operator:		Enduring Resources LLC			Location Desc:					District:		Northern					
Daily Summary																	
Activity Date :		3/28/2007		Days From Spud :		4		Current Depth :		1725 Ft		24 Hr. Footage Made :		67 Ft			
Rig Company :		PATTERSON UTI			Rig Name:		PATTERSON #51										
Formation :		Green River			Weather:												
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	2.50	20	Drilling Ahead F/1658' T/1725' (67' @ 44.7 ft/hr) Rot: WOB-33K, RPM 40t+51m=91, PP-1022, SPM-163, GPM-485										1658	1725	1		
8:30	1.00	05	Circ and condition mud - pump high vis sweep to clean hole - 2nd sweep finished cleaning hole										1725	1725	1		
9:30	1.50	06	TOOH to BHA (SLM) No tight spot on way out										1725	1725	1		
11:00	0.50	21	Rig up Franks Laydown operation										1725	1725	1		
11:30	2.50	06	LD DCs and Directional Tools										1725	1725	1		
14:00	1.50	21	Nipple Down Conductor Riser										1725	1725	1		
15:30	0.50	07	Rig Service										1725	1725	1		
16:00	5.00	12	PJSM, Run 41 joints 9 5/8" 36 #/ft J-55 casing to 1717' KB, Strap Float Shoe and Float Collar. RD Casing Crew and PU/LD Machine										1725	1725	1		
21:00	3.00	12	PJSM, RU Superior Services cementers, pressure test lines to 2500 psi. Cement w/150 sx (102 bbl) Class A Lead Cement + 16% Gel + 0.25 #/sx Superflake + 1% Superfill-SP + 10 #/sx Gilsontite + 0.2% Super CR-1 + 3% Salt (Yield-3.81 cu. Ft/sx, Weight-11.0 ppg), Tail in w/200 sx Class A (42 bbl) + 2% CaCl2 + 0.25 #/sx Superflake + 0.2% Super CR-1 (Yield 1.18 cu ft/sx, Weight-15.6 ppg). Good circulation thru-out job, +/- 50 bbl cement to surface. Bumped Plug @ 1150 psi (500 psi over final circulating pressure). Checked Floats, held OK. Cement held at surface.										1725	1725	1		
0:00	6.00	14	NU BOP										1725	1725	1		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
1658	12:00	8.90	8.90	35	12	8	3/6/10	13.0	0.0	3	0.00	0.0%	100.0%	0.0%	0.1%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.80	0.50	0.30	1.00	500	120	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	8.9	0		Rig Check @ 5:30 am MWT- 9.0 Vis - 33												

Well Name: ROCK HOUSE 11-23-24-02																	
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT					
Operator:		Enduring Resources LLC			Location Desc:					District:		Northern					

Daily Summary																	
Activity Date :		3/29/2007		Days From Spud :		5		Current Depth :		1904 Ft		24 Hr. Footage Made :		179 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Surface						Weather:		Snow							

Operations																									
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run										
6:00	7.00	14	N/U B.O.P.E.										1725	1725	NIH										
13:00	5.50	15	Safety Meeting w/ B&C Quick Test & R/U same. Test Pipe Rams, Blind Rams, Choke Manifold & all valves to 250 psi Low / 3,000 psi High. Test Annular to 250 psi Low / 1,500 psi High. Test Kelly, Kelly hose, 4" lines, & Vibrator hose to 1,000 psi. Test 9-5/8" casing to 1,500 psi. R/D Tester.										1725	1725	NIH										
18:30	2.50	21											Measure, caliper, & P/U B.H.A. #2.										1725	1725	2
21:00	3.00	06											Trip in hole (P/U 8 jts. D.P.) Tag cement @ 1,670'										1725	1725	2
0:00	0.50	21											Drill Cement & Float Equipment. Shoe @ 1,715'.										1725	1725	2
0:30	0.50	02	Drill F/ 1', 725' to 1,730'. Circulate hole clean.										1725	1730	2										
1:00	0.50	21	Perform F.I.T. to 10.5 ppg EMW. (8.4 ppg water + 189 psi) O.K.										1730	1730	2										
1:30	4.50	02	Drill F/ 1,730' to 1,904'. WOB 8-10K, RPM 35, MTR 53										1730	1904	2										
Total:		24.00																							

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
1725	12:00	8.50	8.50	32	12	8	3/6/10	13.0	0.0	3	0.00	0.0%	100.0%	0.0%	0.1%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.80	0.50	0.30	1.00	500	120	0	0.00	0.00	0	0	0.00		0			
Water Loss		LCM	ECD	FL Temp	UFT	Remarks											
0		0.0	8.9	0													

Daily Summary																	
Activity Date :		3/30/2007		Days From Spud :		6		Current Depth :		3057 Ft		24 Hr. Footage Made :		1153 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Green River						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	10.00	02	Drill Rotate / Slide F/ 1,904' to 2,319'. WOB 8-14K, RPM 35-40, MTR 48.										1904	2319	2		
16:00	0.50	07	Rig service										2319	2319	2		
16:30	12.50	02	Drill Rotate / Slide F/ 2,319' to 3,057'. WOB 8-12K, RPM 35-40, MTR 48.										2319	3057	2		
5:00	1.00	10	Deviation Surveys										3057	3057	2		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
3057	13:00	8.60	8.60	29	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	100.0%	0.0%	0.1%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	11.90	0.00	0.00	0.00	2800	600	0	0.00	0.00	0	0	0.00		0			
Water Loss		LCM	ECD	FL Temp	UFT	Remarks											
0		0.0	8.7	0													

Well Name: ROCK HOUSE 11-23-24-02																		
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT						
Operator:		Enduring Resources LLC			Location Desc:						District:		Northern					

Daily Summary																	
Activity Date :		3/31/2007		Days From Spud :		7		Current Depth :		4457 Ft		24 Hr. Footage Made :		1400 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Wasatch						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	8.50	02	Drill Rotate / Slide F/ 3,057' to 3,570'. WOB 10-15K, RPM 45-50, MTR 48.										3057	3570	2		
14:30	0.50	07	Rig Service										3570	3570	2		
15:00	14.00	02	Drill Rotate F/ 3,570' to 4,457'. WOB 10-16K, RPM 45-50, MTR 47.										3570	4457	2		
5:00	1.00	10	Deviation Surveys										4457	4457	2		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
4457	13:00	9.00	9.00	34	10	6	0/0/3	8.0	0.0	1	0.00	0.0%	97.0%	0.0%	3.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	8.70	0.10	0.10	1.00	600	800	0	0.00	0.00	0	0	0.00		0			
Water Loss		LCM	ECD	FL Temp	UFT	Remarks											
0		0.0	9.1	100		Mud Up @ 3,500'											

Daily Summary																	
Activity Date :		4/1/2007		Days From Spud :		8		Current Depth :		5257 Ft		24 Hr. Footage Made :		800 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Mesaverde						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	8.00	02	Drill Rotate / Slide F/ 4,457' to 4,755'. WOB 10-16K, RPM 40-45, MTR 47										4457	4755	2		
14:00	0.50	07	Rig Service										4755	4755	2		
14:30	14.50	02	Drill Rotate / Slide F/ 4,755' to 5,257'. WOB 10-18K, RPM 40-45, MTR 47										4755	5257	2		
5:00	1.00	10	Deviation Surveys										5257	5257	2		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5257	12:00	9.20	9.20	40	18	23	0/0/3	5.2	0.0	1	0.00	4.0%	96.0%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.40	0.20	0.10	0.80	600	160	0	0.00	0.00	0	0	0.00		0			
Water Loss		LCM	ECD	FL Temp	UFT	Remarks											
0		0.0	9.3	100													

Well Name: ROCK HOUSE 11-23-24-02																	
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT					
Operator:		Enduring Resources LLC			Location Desc:					District:		Northern					

Daily Summary																	
Activity Date :		4/2/2007		Days From Spud :		9		Current Depth :		6307 Ft		24 Hr. Footage Made :		1050 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Mesaverde						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	9.00	02	Drill Rotate / Slide F/ 5,257' to 5,716'. WOB 12-20K, RPM 40-45, MTR 47										5257	5716	2		
15:00	0.50	07	Rig Service										5716	5716	2		
15:30	13.50	02	Drill Rotate / Slide F/ 5,716' to 6,307'. WOB 12-18K, RPM 40-50, MTR 47										5716	6307	2		
5:00	1.00	10	Deviation Surveys										6307	6307	2		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
6307	12:30	9.70	9.70	38	16	10	4/8/11	4.8	0.0	1	0.00	4.0%	96.0%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.70	0.50	0.30	1.20	1000	80	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	9.8	105														

Daily Summary																	
Activity Date :		4/3/2007		Days From Spud :		10		Current Depth :		6882 Ft		24 Hr. Footage Made :		575 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Mesaverde						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	9.50	02	Drill Rotate / Slide F/ 6,307' to 6,613'. WOB 12-18K, RPM 40-50, MTR 47										6307	6613	2		
15:30	0.50	07	Rig Service										6613	6613	2		
16:00	4.50	02	Drill Rotate F/ 6,613' to 6,740'. WOB 12-20K, RPM 40-52, MTR 47										6613	6740	2		
20:30	1.00	05	Circulate & pump (2) 30 bbl. High vis. Sweeps around.										6740	6740	2		
21:30	1.50	06	Slug Pipe. P.O.O.H., Work thru tight places @ 5,057' - 4,778' - & 4,675'. Continue trip out to 4,400' (200' above drop)										6740	6740	2		
23:00	2.00	06	Trip in hole to 6,699'. P/U kelly, break circulation. Tag @ 6,740' (no fill)										6740	6740	2		
1:00	4.50	02	Drill Rotate F/ 6,740' to 6,882'. WOB 15-25K, RPM 40-52, MTR 47										6740	6882	2		
5:30	0.50	10	Deviation Surveys										6882	6882	2		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
6882	13:00	10.00	10.00	40	11	5	3/7/10	7.0	0.0	1	0.00	8.0%	92.0%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.20	0.20	0.10	1.00	2900	200	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	10.1	105														

Well Name: ROCK HOUSE 11-23-24-02															
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT			
Operator:		Enduring Resources LLC			Location Desc:					District:		Northern			

Daily Summary															
Activity Date :		4/4/2007		Days From Spud :		11		Current Depth :		7130 Ft		24 Hr. Footage Made :		248 Ft	
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51					
Formation :		Mesaverde						Weather:							

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	6.50	02	Drill Rotate F/ 6,882' to 7,130'. WOB 15-20K, RPM 45-50, MTR 47. T.D. 7-7/8" hole @ 7,130' @ 12:30 hours.										6882	7130	2
12:30	1.50	05	Circulate & Conditon @ 7,130'.										7130	7130	2
14:00	1.50	06	Slug Pipe. Trip out of hole to 4,200'.										7130	7130	2
15:30	2.00	06	Trip in hole to 7,130'.										7130	7130	2
17:30	2.50	05	Pump high Vis. Sweep around. Raise MW to 10.3 ppg & Vis. To 50.										7130	7130	2
20:00	5.50	06	Trip out to log. (Strap Out)										7130	7130	2
1:30	1.50	06	L/D Directional Tools (Pipe Strap = 7,129.45' No Correction)										7130	7130	2
3:00	3.00	11	S.M. with Schlumberger & R/U same. Make up Triple Combo logging tool. (Schlumberger Engineer & 1 crew member only)										7130	7130	2
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7130	13:00	10.30	10.30	50	22	12	9/17/0	8.0	0.0	1	0.00	13.0%	87.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.00	0.30	0.15	1.40	3200	200	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	10.3	115											

Daily Summary															
Activity Date :		4/5/2007		Days From Spud :		12		Current Depth :		7130 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51					
Formation :		Mesaverde						Weather:							

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	3.50	11	Tagged bridge with logging tools @ 2,209'. Tried to work thru. No progress. P.O.O.H. with tools. Install 3' rubber hole finder on bottom of logging tool. G.I.H. with tool to 2,209'. Unable to work thru bridge. P.O.O.H., L/D tools. R/D Schlumberger.										7130	7130	NIH
9:30	5.00	06	M/U bit #3 & Trip in hole. (Fill Pipe @ 3,200') Continue in hole. Tag fill @ 7,123'. Bottom of hole sticky.										7130	7130	3
14:30	3.00	05	Wash F/ 7,123' to 7,130'. Pump high Vis. Sweep around. Shakers clean. Max. Trip Gas 5,778 units. Mud cut from 10.4 ppg to 10.0 ppg. 20' to 30' flare for 45 minutes.										7130	7130	3
17:30	4.00	06	Slug Pipe. Trip out of hole to Log.										7130	7130	3
21:30	1.00	21	W.O. Schlumberger										7130	7130	3
22:30	5.50	11	S.M. with Schlumberger & R/U same. Log 7-7/8" hole. (Log T.D. 7,131') R/D Schlumberger.										7130	7130	3
4:00	2.00	06	Trip in hole with bit #3.										7130	7130	3
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7130	11:30	10.30	10.30	53	26	19	18/28/0	10.4	0.0	1	0.00	12.0%	88.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.00	0.10	0.10	1.70	3400	200	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	10.3	115		Note: Chlorides climbing for last 3 days.									

Well Name: ROCK HOUSE 11-23-24-02																	
Field Name:		Utah Wildcat				S/T/R:		2/11S/23E				County, State:		UINTAH, UT			
Operator:		Enduring Resources LLC				Location Desc:						District:		Northern			

Daily Summary																	
Activity Date :		4/6/2007		Days From Spud :		13		Current Depth :		7130 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Mesaverde						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	2.50	06	Continue Trip in hole. (fill pipe @ 3,200') Tag fill @ 7,128', wash to bottom										7130	7130	3		
8:30	3.00	05	Mix / Pump high viscosity sweep around @ 7,130'. R/U L/D Machine.										7130	7130	3		
11:30	9.50	06	Slug Pipe. L/D 4-1/2" drill pipe. (Break Kelly, Pull Wear Bushing)										7130	7130	NIH		
21:00	0.50	21	Rig P/U machine to P/U 4-1/2" casing. Fatal incident occurred.										7130	7130	NIH		
21:30	8.50	21	Rig shut down for incident investigation.										7130	7130	NIH		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
7130	11:30	10.30	10.30	53	26	19	18/28/0	10.4	0.0	1	0.00	12.0%	88.0%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.00	0.10	0.10	1.70	3400	200	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	10.3	115														

Daily Summary																	
Activity Date :		4/7/2007		Days From Spud :		14		Current Depth :		7130 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :		PATTERSON UTI						Rig Name:		PATTERSON #51							
Formation :		Mesaverde						Weather:									

Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	13.50	21	Rig Idle. Wait on OSHA Incident Investigation.										7130	7130	NIH		
19:30	10.50	12	Safety meeting. R/U Casing crew. M/U float Equipment & check same. Run 4-1/2" casing. Stage in hole, circulating out gas due to extensive down time.										7130	7130	NIH		
Total:		24.00															

Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
7130	6:00	10.30	10.30	53	26	19	18/28/0	10.4	0.0	1	0.00	12.0%	88.0%	0.0%	1.0%		
MBT	pH	Pm	Pf	Mf	CI	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
0.0	9.00	0.10	0.10	1.70	3400	200	0	0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	10.3	115														

Well Name: ROCK HOUSE 11-23-24-02														
Field Name:		Utah Wildcat			S/T/R:		2/11S/23E			County, State:		UINTAH, UT		
Operator:		Enduring Resources LLC			Location Desc:					District:		Northern		

Daily Summary															
Activity Date :		4/8/2007		Days From Spud :		15		Current Depth :		7130 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		PATTERSON UTI				Rig Name:		PATTERSON #51							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	2.00	12	Continue running 4-1/2" casing. Ran 167 jts. of 4-1/2" 11.6# M-80 LT&C casing & 1 marker jt. Total = 7,097.79'. Tag bottom @ 7,130'. Install 4-1/2" casing hanger.										7130	7130	NIH
8:00	3.50	05	Circulate Surface to Surface. Max. Gas = 4,365 units. Mud Cut f/ 10.3+ ppg to 9.9 ppg. With 15' to 30' flare for 1 hour & 10 minutes.										7130	7130	NIH
11:30	4.00	12	Land Casing Hanger. Pipe set @ 7,115.79'. Safety meeting with Superior. Switch pump line to Superior. Pressure test to 3,500 psi. Pump 10 bbls. Water, 20 bbls. Spacer, Pump 10 bbls. Water. Mix & Pump 150 sks. Lead cement, Mix & Pump 250 sks. Of Tail cement. Centrifugal Pump / Mixing Engine died. Unable to get engine running. Displace Cement from hole (mix 200 bbls. Mud)										7130	7130	NIH
15:30	5.50	05	Circulate @ 7,115' & wait on Pump Truck & more cement. (Mechanic arrived & checked Engine, appears to have hole in piston)										7130	7130	NIH
21:00	3.50	12	Big 4 pump truck & cement on locatcement 50/50 Poz., 2% Gel, 5% Salt (BWOW), .3% Super FL-200, .25#/ sk. Superflake, .2% CR-1 (@ 14.3 ppg, yield 1.22). Drop Top plug. Displace w/ 109.5 bbls. Water w/ clay stabilizer. Bump Plug @ 3,300 psi., Release pressure. Floats holding. Circulated 25 bbls. Cement to surface.										7130	7130	NIH
0:30	2.00	21	Mangum hauling remainder of mud out of mud tanks.										7130	7130	NIH
2:30	3.50	21	Clean mud Tanks.										7130	7130	NIH
Total:		24.00													

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7130	6:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	0.0	0													

Daily Summary															
Activity Date :		4/9/2007		Days From Spud :		16		Current Depth :		7130 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		PATTERSON UTI				Rig Name:		PATTERSON #51							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	1.50	21	Finish cleaning mud tanks. Rig Released @ 07:30 hours 04-08-2007										7130	7130	NIH
7:30	22.50	01	R/D Patterson UTI Rig # 51. Change out drilling line. Continue R/D.										7130	7130	NIH
Total:		24.00													

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
7130	6:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	0.0	0													

Well Name: ROCK HOUSE 11-23-24-02					
Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:		District:	Northern

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/26/2007	1711.85	41	3. Surface	9.625	36	J-55	0	12.25	1730
Stage: 1, Lead, 0, 150, + 16% Gel + 0.25 #/sx Superflake + 1% Supersil-SP + 10 #/sx Gilsonite + 0.2% Super CR-1 + 3% Salt, Class A, 3.81, 11									
Stage: 1, Tail, 0, 200, + 2% CaCl2 + 0.25 #/sx Superflake + 0.2% Super CR-1, Class A, 1.18, 15.6									
4/5/2007	7113.79	167	5. Production	4.5	11.6	M-80	0	7.875	7130
Stage: 1, Lead, 0, 150, Lead cement, Class A, 3.81, 11									
Stage: 1, Tail, 0, 1025, 50/50 Poz Tail, Class H, 1.22, 14.3									

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Enduring Resources, LLC Operator Account Number: N 2750
Address: 475 17th Street, Suite 1500
city Denver
state CO zip 80202 Phone Number: (303) 350-5114

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738034	Rock House 11-23-24-2	SESW	2	11S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
E	15903	15903	1/25/2007	1/29/09		
Comments: Set CIBP at 3,570'. Set 10' of cement on top of plug. <i>WSTC</i> Well is now only producing from Wasatch and no longer commingled with Mesaverde. <i>2/17/09</i>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3


API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Alvin R. (Al) Arlian

Name (Please Print)



Signature

Landman-Regulatory

1/27/2009

Title

Date

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

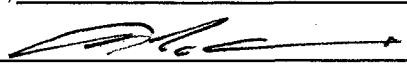
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT OR CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Rock House 11-23-24-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1616' FSL - 2409' FWL (BHL SESW)		9. API NUMBER: 4304738034
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/21/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Workover - re-completion
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Commencing 10-21-2008

MIRU, set CIBP at 3,570'. Set 10' of cement on top of plug.
Well is now only producing from Wasatch and no longer commingled with Mesaverde.
Release rig.
MIRU C and S Swabbing, swab well down to kick well off.
Turned well over to Pumper 10-23-2008.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 1/27/2009

(This space for State use only)

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☒ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:	OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER _____		
b. TYPE OF WORK:	NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER _____
2. NAME OF OPERATOR: Enduring Resources, LLC						
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202				PHONE NUMBER: (303) 573-1222		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1616' FSL - 2409' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 660' FSL - 1986' FWL, SESW AT TOTAL DEPTH: 660' FSL - 1986' FWL, SESW						
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078						
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A						
7. UNIT or CA AGREEMENT NAME N/A						
8. WELL NAME and NUMBER: Rock House 11-23-24-02						
9. API NUMBER: 4304738034						
10. FIELD AND POOL, OR WILDCAT Wildcat						
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 11S 23E S						
12. COUNTY Uintah				13. STATE UTAH		

14. DATE SPURRED: 3/24/2007	15. DATE T.D. REACHED: 4/3/2007	16. DATE COMPLETED: 5/25/2007	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5598 RKB
18. TOTAL DEPTH: MD 7,130 TVD 7,002	19. PLUG BACK T.D.: MD 7,070 TVD 6,942	20. IF MULTIPLE COMPLETIONS, HOW MANY? * 250 (CBL)			21. DEPTH BRIDGE MD 3,570 PLUG SET: TVD 3,485
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Previously submitted.				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
12-1/4"	9 5/8 J55	36#	16	1,712		CI G 350	144	16 (CIR)	0
7-7/8"	4 1/2 M80	11.60#	16	7,114		CI G 1,175	325	540 (CBL)	0

25. TUBING RECORD								
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6,478		2 3/8"	3,513				

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Mesaverde	6,520	7,012	6,392	6,884	6,520 7,012	.38"	86	Open <input type="checkbox"/>	Squeezed <input checked="" type="checkbox"/>
(B) Wasatch	3,451	3,504	3,366	3,419	3,451 3,504	.38"	36	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6520 - 7012 (MD)	Placed 40,039 lbs Ottawa 30/50 proppant in Mesaverde formation
3451 - 3504 (MD)	Placed 121,345 lbs Ottawa 30/50 proppant in Wasatch formation

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> DIRECTIONAL SURVEY	Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

ST. INITIAL PRODUCTION										
DATE FIRST PRODUCED: 5/25/2007		TEST DATE: 6/19/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 40	WATER – BBL: 0	PROD. METHOD: Flowing
CHOKE SIZE: 64/64	TBG. PRESS. 260	CSG. PRESS. 850	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 40	WATER – BBL: 0	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	238 3,158 4,920

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee

TITLE Engineering Tech

SIGNATURE

DATE 2/13/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47087			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: ROCK HOUSE 11-23-24-2			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1616 FSL 2409 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 11.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047380340000			
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: ROCK HOUSE			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/11/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Correct Lease Number"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Correct Lease Number"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Correct Lease Number"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The oil and gas lease number ML-47087 on the approved APD is incorrect and should be ML-47078. Request Lease Number on APD change: From: Accepted by the ML-47087 To: ML-47078 Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 15, 2009					
NAME (PLEASE PRINT) Alvin Arlian		PHONE NUMBER 303 350-5114			
SIGNATURE N/A		TITLE Landman-Regulatory			
DATE 9/11/2009					